

Your Global Automation Partner

TURCK

Connectivity Part Number Key

Connectivity Part Number Key Content

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Common Product Modification Numbers (S#, C#, & CS#)

M12 Eurofast

M12 Eurofast Cordset Part Number Key

R	K	V	4.4	T	-	*	-	-	/S..
M12 Eurofast Cordset R = straight W = right angle Gender K = female connector S = male connector Plug Body Style (blank) = standard plug body A = armored plug body, 18 AWG C = medium plug body CN = medium plug body, NAMUR wiring E = large plug body G = large, robust plug body L = compact plug body S = shielded to coupling nut Coupling Nut Options (blank) = nickel plated brass V = stainless steel S = shielded to coupling nut K = nylon Number of Wires/AWG/Color Codes 4.2 = 2 wire BN, BU 4.21 = 2 wire BN, BU, NAMUR 4.22 = 2 wire BN, BU 4.23 = 2 wire BN, BU 4 = 3 wire BN, BU, BK 4.4 = 4 wire BN, WH, BU, BK 4.41 = 4 wire BN, WH, BU, BK, NAMUR 4.43 = 4 wire BN, WH, BU, BK, yellow jacket 4.5 = 5 wire BN, WH, BU, BK, GY 4.6 = 6 wire BN, WH, BU, BK, GY, PK 5 = 5 wire GN, WH, OG, BK, RD, NAMUR 6 = 6 wire BN, WH, BU, BK, GY, PK 8 = 8 wire WH, BN, GN, YE, GY, PK, BU, RD 8.6 = 6 wire WH, GN, YE, GY, BN, BU 8.8 = 8 wire WH, GN, YE, GY, BN, PK, BU, RD 10 = 10 wire WH, BN, GN, YE, GY, PK, BU, RD, OG, TN 12 = 12 wire WH, BN, GN, YE, GY, PK, BU, RD, OG, TN, VT AWG sizes depend on body style and "/S" variety									
Varieties (blank) = PVC jacket /S90 = TPU jacket /S90-SP = TPU coil cord /S101 = Flexlife-20, high flex cable /S529 = yellow PUR jacket, braided shield, PVC inner jacket /S618 = foil shield & drain wire, drain not connected /S622 = grey PVC jacket, 18 AWG conductors /S653 = foil shield & drain wire, drain connected /S715 = yellow jacket /S824 = PLTC /S1092 = PTFE coated coupling nuts /S1587 = TPE, Weldlife /S1077 = silicone tubing /S = consult factory, special /CS = consult factory, special Insertion Point of Extension Cable and Second Prefix* * Female connector listed first, male connector second Example: RK 4T-4-WS-4T LED Options (blank) = no LEDs P7X2 = 2 LEDs with sourcing (PNP) signal and power P7X3 = 3 LEDs with sourcing (PNP) signal and power N7X2 = 2 LEDs with shrinking (NPN) signal and power Length in Meters (blank) = no barb fitting, L style only T = T barb fitting A = armored cable									

M12 Eurofast Receptacle Part Number Key

F	K	FD			4.4	*		/S..
M12 Eurofast Receptacle Gender K = female connector S = male connector Housing Style (blank) = front mount D = front mount, front locknut FD = rear mount FDL = rear mount, solder cup M = front mount, rotating coupling nut P = back panel mount Keyway Type (blank) = standard keyway W = reverse keyway Housing Material Keyway Type (blank) = nickel plated brass V = stainless steel								
Varieties /S613 .. = 18 AWG, standard color code /CS .. = consult factory, special /S.. = consult factory, special /S717 = assembled with jacketed cable Thread Type (blank) = PG 9 threads or other, see specifications /13.5 = PG 13.5 threads /14.5 = 1/2-14 NPSM threads /14.5/NPT = 1/2-14 NPT threads M20 = M20x1 threads /PG16 = PG 16 threads Connection Type/Length in Meters (blank) = no leads, either PCB pin or solder cup PCB = PCB pins Number of Wires/AWG/Color Codes 4.2 = 2 wire BN, BU 4.21 = 2 wire BN, BU, NAMUR 4.22 = 2 wire BN, BU 4.23 = 2 wire BN, BU 4 = 3 wire BN, BU, BK 4.4 = 4 wire BN, WH, BU, BK 4.41 = 4 wire BN, WH, BU, BK, NAMUR 4.43 = 4 wire BN, WH, BU, BK, yellow jacket 4.5 = 5 wire BN, WH, BU, BK, GY 4.6 = 6 wire BN, WH, BU, BK, GY, PK 5 = 5 wire GN, WH, OG, BK, RD, NAMUR 6 = 6 wire BN, WH, BU, BK, GY, PK 8 = 8 wire WH, BN, GN, YE, GY, PK, BU, RD 8.6 = 6 wire WH, GN, YE, GY, BN, BU 8.8 = 8 wire WH, GN, YE, GY, BN, PK, BU, RD 10 = 10 wire WH, BN, GN, YE, GY, PK, BU, RD, OG, TN 12 = 12 wire WH, BN, GN, YE, GY, PK, BU, RD, OG, TN, VT AWG sizes depend on body style and "/S" variety								

M12 Eurofast

M12 Eurofast Field Wireable Part Number Key

Field Wireable Type
 B = standard field wireable
 BM = metal coupling nut
 CMB = shielded
 DB = dual cable, splitter

Gender
 (blank) = female
 S = male
 K = female

Keyway Type
 (blank) = standard
 WS = reverse key

M12 Eurofast Field Wireable

Housing Style
 1 = straight
 2 = right angle

Color Coded Pin Labels
 LABEL = standard
 ASI = AS-interface® network
 DNET = DeviceNet™ network

Cable Opening
 (blank) = standard
 PG 9 = PG9 cable opening
 0/9 = PG9 cable opening, for reverse key

Cable Option
 0 = no cable

LED Option
 (blank) = no indicators
 P7X2 = PNP LEDs

Termination
 1 = screw terminal
 6 = IDC
 7 = spring clamp

Number of Pins
 4 = 4
 5 = 5
 6 = 6
 8 = 8
 12 = 12

M12 Eurofast Reverse Key (B-Code) Cordset Part Number Key

M12 Eurofast Cordset
 (blank) = straight
 W = right angle

Reverse Key

Gender
 K = female connector
 S = male connector

Coupling Nut Options
 (blank) = nickel plated brass
 K = nylon
 V = stainless steel

Reverse Key

Number of Wires/AWG/Color Codes
 4 = 3 wire BN, BU, GN/YE
 4.4 = 4 wire BN, WH, BU, BK
 4.5 = 4 wire BN, WH, BU, BK, GN/YE

Varieties
 /S626 = grey PVC jacket, 3x20 AWG
 /C101 = Flexlife-20, high flex cable
 /C618 = EMI, RFI protection, 5x22 AWG
 /C653 = EMI, RFI protection, 4x22 AWG
 /S.. = consult factory, special
 /CS = consult factory, special

Insertion Point of Extension Cable and Second Prefix*
 * Female connector listed first, male connector second
 Example: WAKW 4.5T-*.WASW 4.5T

Length in Meters
 (blank) = no barb fitting, L style only
 T = T barb fitting

M12 Eurofast Standard and Low Profile Junction Box Part Number Key

Eurofast Junction Box

Housing Material
 (blank) = nylon, connectors on top
 M = metal, connectors on side

Number of Ports, Wiring
 40N = 4 port, NAMUR, 1 signal per port, common positive
 40x1N = 4 port, NAMUR, 1 signal per port, isolated circuit
 40 = 4 ports, 1 signal per port
 40.5N = 4 port, NAMUR, 2 signal per port, common positive
 40x1.5N = 4 port, NAMUR, 2 signal per port, isolated circuit
 80 = 8 ports, 1 signal per port

Varieties
 /S = consult factory, special
 /CS = consult factory, special

Cable Type (x)
 * = cable length
 CS y = Multifast connectors, y = number of pins
 H1151 = Eurofast connector, 5-pin

LED Options
 (blank) = no LEDs
 P7Xn = PNP LEDs, n = number of LEDs
 N7Xn = NPN LEDs, n = number of LEDs

Number of Ports
 4 = 4 ports
 8 = 8 ports

Multibox

Housing Material
 (blank) = nickel plated brass
 V = 316 stainless steel

Port Connector Type
 12 = Eurofast
 12Z = Eurofast - low profile

Port Pin Count
 4 = 4 pin
 5 = 5 pin

Port Pin Count
 (blank) = no LED
 P = PNP LED
 N = NPN LED

HomeRun
 CS 12 = 12 pin M23 male receptacle
 CS 19 = 19 pin M23 male receptacle
 CSV 12 = 12 pin M23 male stainless steel receptacle
 CSV 19 = 19 pin M23 male stainless steel receptacle
 * = cable length
 CS12H = 12 pin M23 male receptacle, side exit
 CS19H = 19 pin M23 male receptacle, side exit
 RSF 120 = 12 pin Minifast male, receptacle
 RSF 190 = 19 pin Minifast male, receptacle
 FK = terminal chamber w/spring clamp
 SK = terminal chamber w/screw clamp

Body Material (terminal chamber only)
 K = plastic
 MS = metal, shielded

Number of Wires / AWG / Color Code
 1 = power LED only
 2 = 1 signal LED per port, 1 power LED
 3 = 2 signal LEDs per port, 1 power LED
 4 = 2 signal LEDs per port, 2 power LEDs

Terminal Chamber Junction Boxes

Turck Box

Number of Ports
 4 = 4 ports
 8 = 8 ports

Port Connectors
 M12 = Eurofast (M12x1)

Port Connector Material
 (blank) = Nickel plated brass
 V = Stainless steel

Port Type
 5 = 2 signals/port

Port LED Type
 (blank) = no LED
 P = PNP LED
 N = NPN LED

Options (if applicable)
 CSxxxx = Customer specific

Outer Diameter at the M20 Cable Gland
 8 = 8-12 mm
 10 = 10-14 mm

Terminal Type
 FK = Spring clamp (Federzugklemme)
 SK = Screw clamp (Schraubklemme)

Housing Material
 K = Plastic (Kunststoff)

Number of LEDs (if applicable)
 3 = 1 power + 2 signal LEDs/port

M12 Redesign

M12 Redesign Cordset Part Number Key

E	S	R	T	001	-	A4	.	4	00	-	GC2K	-	2
Family E = Eurofast (M12)				Gender K = female S = male				Plug Style R = straight W = right angle				Coupling Nut Configuration T = nickel plated brass, includes Torque Sleeve B = nickel plated brass, without Torque Sleeve L = stainless steel, includes Torque Sleeve V = stainless steel, without Torque Sleeve P = acetal plastic, without Torque Sleeve F = PTFE coated brass, without Torque Sleeve	
Optional Customization (blank) = no customization, black plug body and yellow Torque Sleeve (when included) 001 = yellow plug body .. = consult factory for other options				Insertion Point of Extension Cable and Second Prefix* *Female connector listed first, male connector second Example: EKRT-ESRT-A4.400-GC2K-1				Length in Meters nearest 0.1m max 4 characters				Cable Series GC2K = black general purpose PVC jacket with 22 AWG conductors (standard) GC2Y = yellow general purpose PVC jacket with 22 AWG conductors GC8K = black general purpose PVC jacket with 18 AWG conductors GU24 = grey general purpose TPU jacket with 22 AWG conductors (S90) GU2K = black general purpose TPU jacket with 22 AWG conductors (S90, S760) GU2Y = yellow general purpose TPU jacket with 22 AWG conductors (S90) GU8K = black general purpose TPU jacket with 18 AWG conductors (S90) WA2Y = yellow aramid over Weldlife TPE jacket with 22 AWG conductors (S3415) WE2K = black Weldlife TPE jacket with 22 AWG conductors (S1587, S760) WE2Y = yellow Weldlife TPE jacket with 22 AWG conductors (S1587) WE8K = black Weldlife TPE jacket with 18 AWG conductors (S1587, S760) WE8Y = yellow Weldlife TPE jacket with 18 AWG conductors (S3060) DC24 = grey PVC cable with foil shield, drain wire and 22 AWG conductors (S653) FE24 = grey Flexlife 20 TPE jacket with 22 AWG conductors (S101) FE8Y = yellow Flexlife 20 TPE jacket with 18 AWG conductors (S101) HUA6 = orange halogen free TPU with 0.34mm ² conductors (TXO3700) HUAK = black halogen free TPU with 0.34mm ² conductor (TXL)	
Pinout 00 = standard DC ... = consult factory for other options				Number of Conductors				Keyway Coding and Pole Count A4 = standard / A-code with 4 poles (up to 4 wires when center pin is not used) A5 = standard / A-code with 5 poles (up to 5 wires when center pin is used) B5 = reversed / B-code with 5 poles					

Customization options are available for different colors, keyway rotations, and pinouts. Contact factory for details.

M12 Redesign Receptacle Part Number Key

E R S B G					-	A4 . 4 00 4 - *						
Family E = Eurofast (M12)										Length in Meters nearest 0.1 m max 4 characters		
Mounting Type F = front mount receptacle R = rear mount receptacle										Wire Gauge .2 = 22 AWG .8 = 18 AWG .4 = 24 AWG, non-standard .0 = 20 AWG, non-standard ... =		
Gender K = female S = male										Pinout 00 = standard DC ... = consult factory for other options		
Housing Material B = nickel plated brass (standard) V = stainless steel										Number of Conductors		
Mounting Thread G = PG9 H = 1/2-14 NPT Q = 1/4-18 NPT M = M16 T = M20										Keyway Coding and Pole Count A4 = standard / A-code with 4 poles (up to 4 wires when center pin is not used) A5 = standard / A-code with 5 poles (up to 5 wires when center pin is used) B5 = reversed / B-code with 5 poles		
Locknut (blank) = included/installed, same material as housing 0 = (zero) not included												

M8 Picofast

M8 Picofast Cordset Part Number Key

M8 Picofast Cordset

Gender
 K = female connector
 S = male connector

Configuration
 G = straight
 W = right angle

Plug Body Style
 (blank) = standard
 C = medium plug body (22 AWG)

Coupling Nut (Threaded coupling nut only)
 (blank) = nickel plated brass
 V = Stainless steel
 S = Shielded to coupling nut

Number of Wires / AWG / Color Code
 3 = 3x24 AWG BN, BU, BK
 4 = 4x26 AWG BN, BU, BK, WH
 6 = 6x26 AWG BN, BU, BK, WH, GY, PK

Locking Method
 (blank) = male snap lock (no locking sleeve)
 Z = female snap lock (locking sleeve)
 M = M8x1 threaded coupling nut
 F = fixed thread (3-pin male only)

Varieties
 (blank) = PVC jacket
 /S90 = TPU jacket
 /S90-SP = TPU coil cord
 /S90/S101 = TPU jacket, Flexlife "20, and C-Track
 /S90/S618 = TPU jacket with foil shield and drain wire
 /S760/S171 = PVC black jacket, black plug body
 /S .. = consult factory, special
 /CS .. = consult factory, special
 /S1587 = TPE jacket, Weldlife

Insertion point of Extension Cable and 2nd Prefix*
 • Female connector listed 1st, male connector 2nd
 Example: **PKG 3M - 2 - PSG 3M**

Length in Meters

LED Options
 (blank) = No LEDs
 P7X2 = 2 LEDs with sourcing (PNP) signal and power
 N7X2 = 2 LEDs with sinking (NPN) signal and power

M8 Picofast Receptacle Part Number Key

M8 Picofast Receptacle
 M = straight
 WM = right angle (PCB pins)

Designator for Receptacle

Gender
 K = female connector
 S = male connector

Connection Type
 (blank) = snap lock
 S = threaded
 SH = threaded and mounting bracket
 SHL = threaded and long mounting bracket

Connection Type / Length in Meters
 PCB = PCB pins
 PCBF = PCB pins
 S717 = assembled with jacketed cable

Mounting Style
 (blank) = front mount (rear thread and locknut)
 F = rear mount (front thread and locknut)

Number of Wires / AWG / Color Code
 3 = 3x24 AWG BN, BU, BK
 4 = 4x26 AWG BN, BU, BK, WH
 6 = 6x26 AWG BN, BU, BK, WH, GY, PK

Field Wireable Part Number Key

Field Wireable Type
 B = standard field wireable

Gender
 (blank) = female connector
 S = male connector

M8 Picofast Field Wireable

Housing Style
 1 = straight
 2 = right angle

Cable Option
 0 = no cable

Termination
 1 = threaded connector
 2 = snap lock
 3 = threaded with screw terminal
 6 = IDC

Number of Pins
 3 = 3
 4 = 4

Junction Box Part Number Key

Picofast Junction Box

Number of Ports
 4 = 4-Port
 8 = 8-Port

Port connectors
 M8 = M8 Picofast

Port Connection Type
 M = M8x1 thread
 Z = M8 Snap

Special Modifiers, /S & /CS

Homerun Connector
 FS8 = 8-pin M12
 FS12 = 12-pin M12
 * = cable length in meters

Port LED Type
 (blank) = no LEDs
 P2 = PNP LEDs (3-pin only)
 N2 = NPN LEDs (3-pin ports only)

Port Type
 3 = 3-pin ports, 1 signal per port
 4 = 4-pin ports, 2 signal per port

Minifast

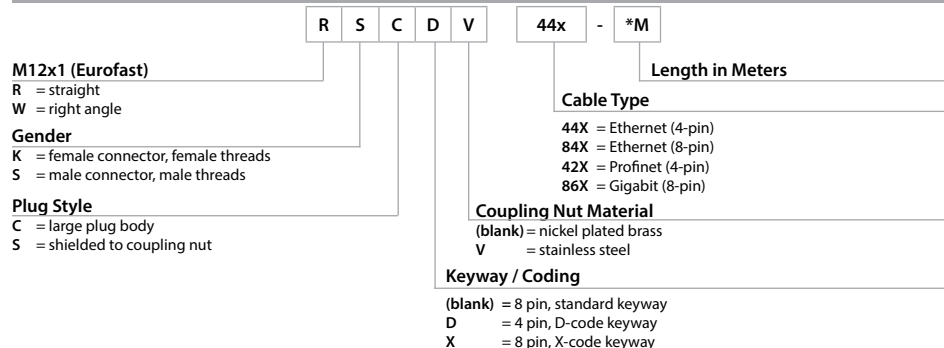
7/8", 1" & 1 1/8" Minifast Cordset Part Number Key									
		R	K	M	30	-	*M	/S..	
7/8", 1" & 1 1/8" Minifast Cordset					Varieties				
R = straight					(blank) = PVC jacket				
W = right angle					/S90 = TPU jacket				
Gender					/S90-SP = TPU coil cord				
K = female connector					/S101 = Flexlife ®-20, and C-Track high flex cable				
S = male connector					/S600 = CPE, rubber jacket				
Y = male connector, female threads					/S1077 = silicone tubing				
Coupling Nut Material					/S1587 = TPE, Weldlife ®				
(blank) = nylon					/S3059 = TPE, Weldlife ®, automotive				
M = nickel plated brass					/S .. = consult factory, special				
V = stainless steel (hex on 1", 1 1/8" and knurl on 7/8")					/CS .. = consult factory, special				
VH = stainless steel (hex on 7/8")					Length in Meters				
Insertion point of Extention Cable and 2nd Prefix*									
• Male connector listed 1st, female connector 2nd									
Example: RSM RKM 40-2M									
Number of Wires / AWG / Color Codes									
20 = 2x18 AWG BN, BU		55 = 5x16 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK		WH, RD, GN/YE, WH/BK, BK					
26 = 2x16 AWG WH, BK		56 = 5x16 AWG WH, RD, GN/YE, OG, BK		106 = 10x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN/YE, BK, WH					
28A = 2x18 AWG WH, BK		58A = 5x18 AWG WH, RD, GN/YE, OG, BK		126 = 12x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, GN/YE, RD, WH, BK					
30 = 3x18 AWG GN/YE, BN, BU		511 = 5x18 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK		190 = 3x18, 16X22 AWG VT, RD, GY, RD/BU, BU, GN, BN, WH/GN, WH/YE, WH/GY, BK, GN/YE, YE/BN, BN/GN, WH, YE, PK, GY/BN, GY/PK					
31 = 3x18 AWG BK, BN, BU		61 = 6x18 AWG GN, WH, BU, GY, YE, BN		_A Metal Clad Cable (18 AWG straight only)					
35 = 3x16 AWG GN/YE, RD/BK, RD/WH		66 = 6x16 AWG WH, RD, GN/YE, OG, BK, BU		_D Smooth Plug Body (16 AWG straight only)					
36 = 3x16 AWG GN/YE, BK, WH		68A = 6x18 AWG WH, RD, GN/YE, OG, BK, BU							
38A = 3x18 AWG GN/YE, BK, WH		6B6 = 6x16 AWG OG, BU, BK, WH, RD, GN/YE							
311 = 3x18 AWG GN/YE, RD/BK, RD/WH		76 = 7x16 AWG WH/BK, BK, WH, RD, OG, BU, GN/YE							
40 = 4x18 AWG BN, WH, BU, BK		86 = 8x16 AWG OG, BU, WH/BK, BK, WH, RD, GN/YE, RD/BK							
46 = 4x16 AWG BK, WH, RD, GN/YE		96 = 9x16 AWG OG, BU, RD/BK, GN/BK,							
47 = 4x16 AWG BN, WH, BU, GN/YE									
48A = 4x18 AWG BK, WH, RD, GN/YE									
461 = 4x16 AWG BN, WH, BU, GN/YE									
50 = 5x18 AWG BK, BU, GN/YE, BN, WH									

Field Wireable Part Number Key									
B		S	4	2	3	1	-	0	/ 9
Field Wireable Type								Cable Opening	
B = standard field wireable								9 = PG 9 cable opening (6-8mm cable)	
Gender								13.5 = PG 13.5 cable opening (10-12mm cable)	
(blank) = female								16 = PG 16 cable opening (12-14mm cable)	
S = male								21 = PG 12 cable opening (9-16mm cable)	
Coupling Nut Material								Cable Option	
(blank) = nickel								0 = no cable	
V = stainless steel								Termination	
Minifast Style								1 = standard	
4 = 7/8"								Number of Pins	
7 = 1" or 1 1/8"								3 = 3	
Housing Style								4 = 4	
1 = straight								5 = 5	
2 = right angle								6 = 6	
								6B6 = 6	
								7 = 7	
								8 = 8	
								9 = 9	
								10 = 10	
								12 = 12	

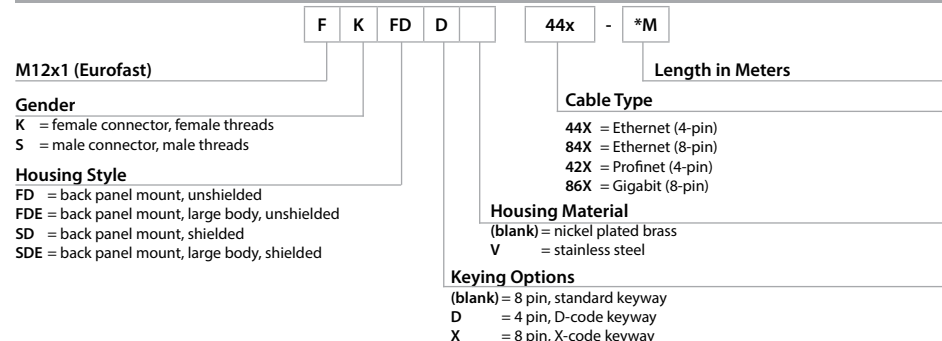
7/8", 1" & 1 1/8" Minifast Receptacle Part Number Key													
					R	K	F	V	30	-	*M	/MPT	/S..
7/8", 1" & 1 1/8" Minifast Receptacle Gender K = female connector, female threads S = male connector, male threads Y = male connector, female threads X = female connector, male threads Designator for Receptacle Mounting Style (blank) = front mount P = back panel mount L = solder cup F = flange mount Housing Material (blank) = nickel plated brass K = nylon V = stainless steel Number of Wires / AWG / Color Codes					Varieties S717 = assembled with jacketed cable /S849= 22AWG /S.. = consult factory, special /CS.. = consult factory, special W/LN = with lock nut Connection Thread (blank) = 1/2-14 NPSM threads /NPT = 1/2-14 NPT threads /14.5/NPT = 1/2-14 NPT threads (1" & 1 1/8") /14.75/NPT = 3/4-14 NPT threads /M20 = /M20x1.5 threads Connection Type / Length in Meters (blank) = solder cup PCB = PCB pins								
					106 = 10x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN/YE, BK, WH								
					126 = 12x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, GN/YE, RD, WH, BK								
					190 = 3x18, 16X22 AWG VT, RD, GY, RD/BU, BU, GN, BN, WH/GN, WH/YE, WH/GY, BK, GN/YE, YE/BN, BN/GN, WH, YE, PK, GY/BN, GY/PK								
					20 = 2x18 AWG BN, BU								
					26 = 2x16 AWG WH, BK								
					28 = 2x18 AWG WH, BK								
					30 = 3x18 AWG GN/YE, BN, BU								
					31 = 3x18 AWG BK, BN, BU								
					35 = 3x16 AWG GN/YE, RD/BK, RD/WH								
36 = 3x16 AWG GN/YE, BK, WH													
38 = 3x18 AWG GN/YE, BK, WH													
311 = 3x18 AWG GN/YE, RD/BK, RD/WH													
40 = 4x18 AWG BN, WH, BU, BK													
46 = 4x16 AWG BK, WH, RD, GN/YE													
47 = 4x16 AWG BN, WH, BU, GN/YE													
48 = 4x18 AWG BK, WH, RD, GN/YE													
461 = 4x16 AWG BN, WH, BU, GN/YE													
50 = 5x18 AWG BK, BU, GN/YE, BN, WH													
55 = 5x16 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK													
56 = 5x16 AWG WH, RD, GN/YE, OG, BK													
58 = 5x18 AWG WH, RD, GN/YE, OG, BK													
511 = 5x18 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK													
61 = 6x18 AWG GN, WH, BU, GY, YE, BN													
66 = 6x16 AWG WH, RD, GN/YE, OG, BK, BU													
68 = 6x18 AWG WH, RD, GN, OG, BK, BU													
6B6 = 6x16 AWG OG, BU, BK, WH, RD, GN/YE													
76 = 7x16 AWG WH/BK, BK, WH, RD, OG, BU, GN/YE													
86 = 8x16 AWG OG, BU, WH/BK, BK, WH, RD, GN/YE, RD/BK													
96 = 9x16 AWG OG, BU, RD/BK, GN/BK, WH, RD, GN/YE, WH/BK, BK													

Industrial Ethernet

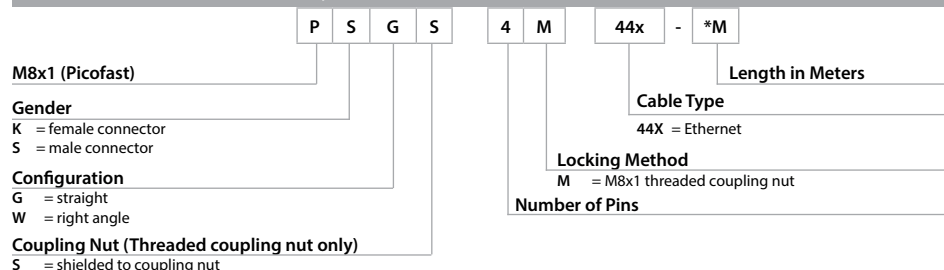
Eurofast Cordset Part Number Key



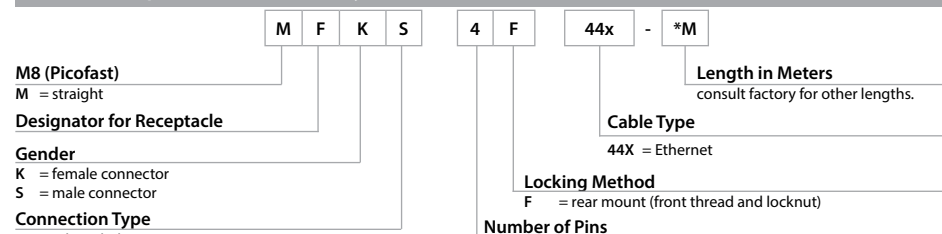
Eurofast Receptacle Part Number Key



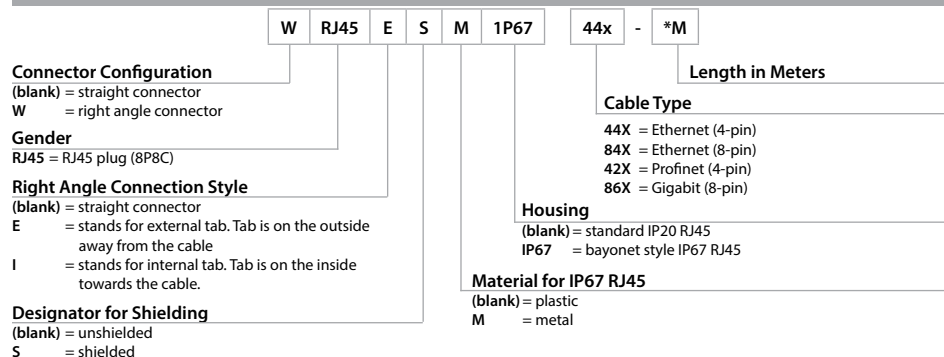
Picofast Cordset Part Number Key



Picofast Receptacle Part Number Key

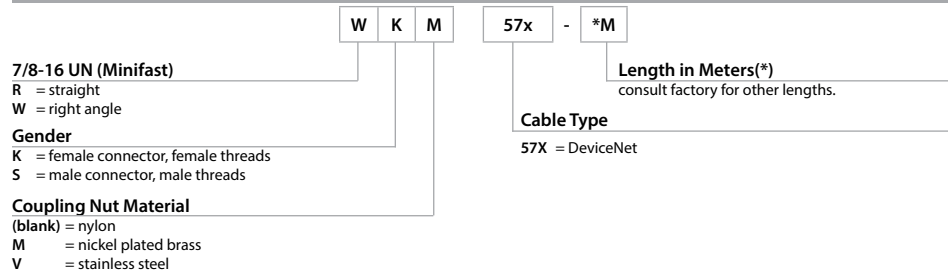


RJ45 Network Cordsets Part Number Key

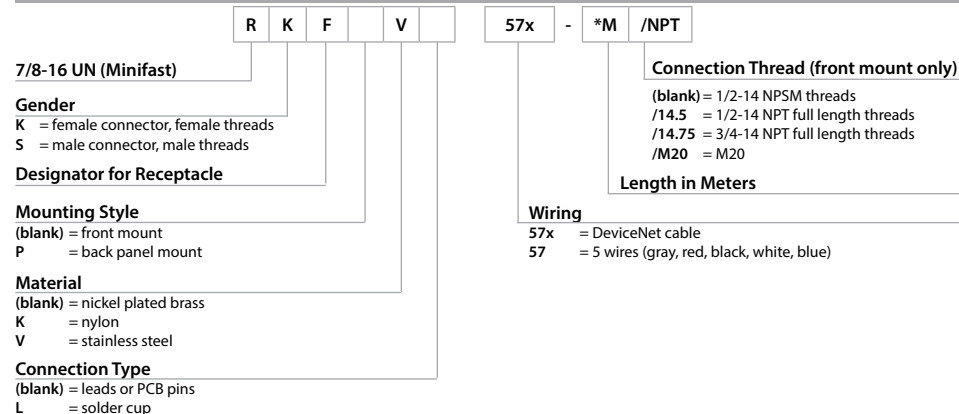


DeviceNet Physical Media Connectivity

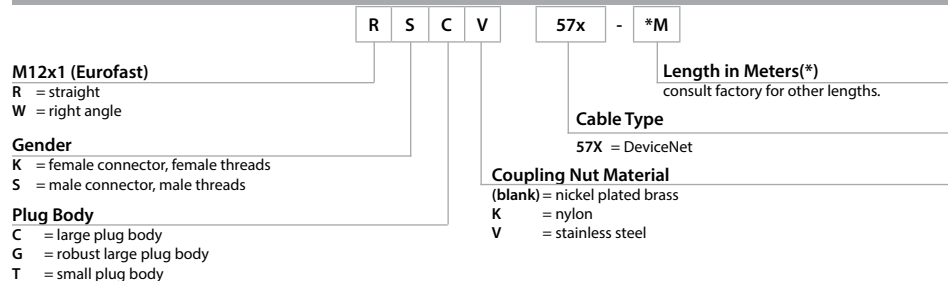
Minifast Cordset Part Number Key



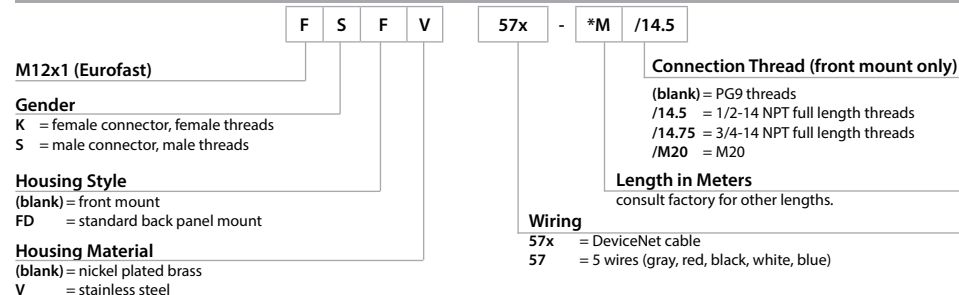
Minifast Receptacle Part Number Key



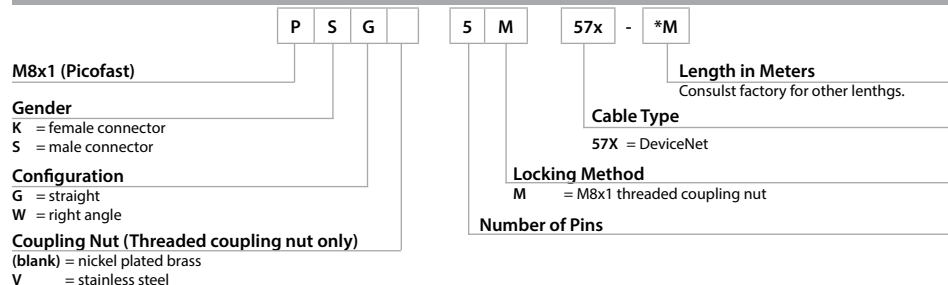
Eurofast Cordset Part Number Key



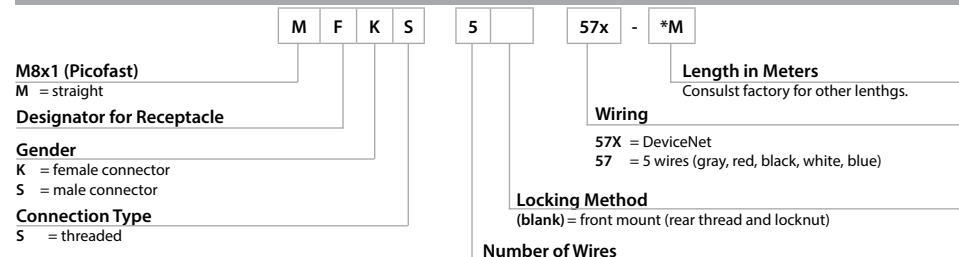
Eurofast Receptacle Part Number Key



Picofast Part Number Key

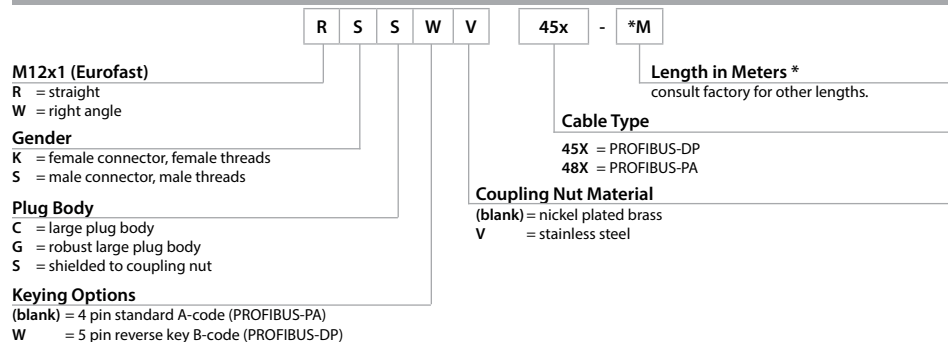


M8 Picofast Receptacle Part Number Key

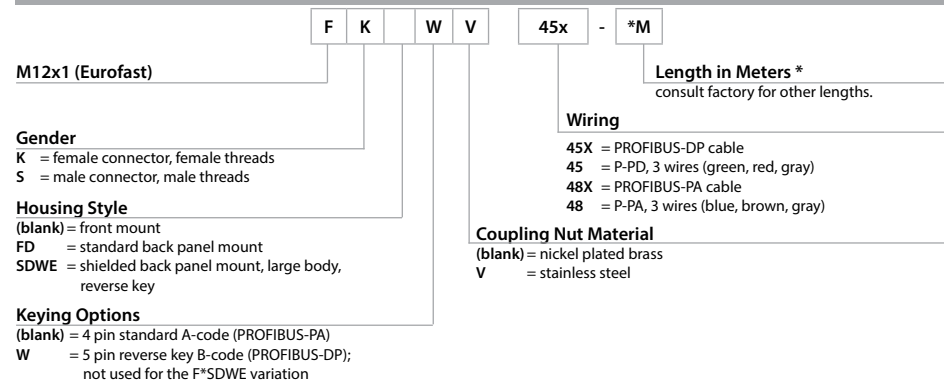


PROFIBUS - DP, -PA Physical Media Connectivity

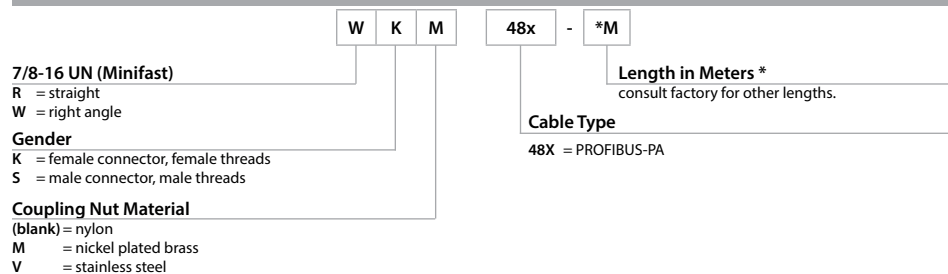
Eurofast Cordset Part Number Key



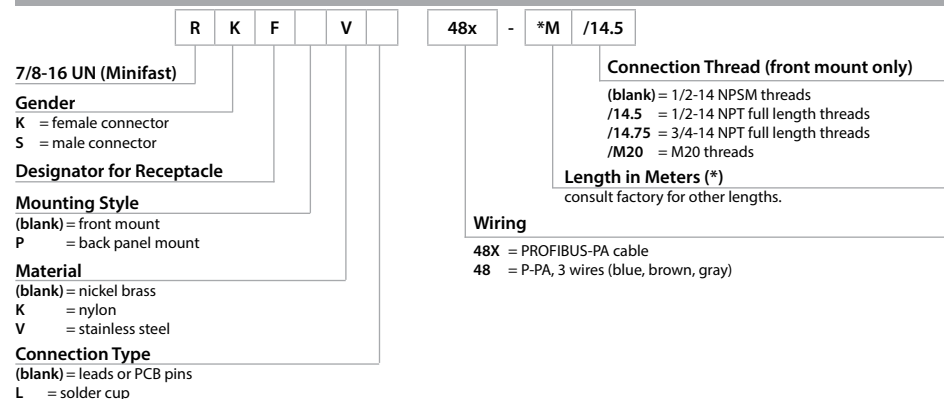
Eurofast Receptacle Part Number Key



Minifast Cordset Part Number Key

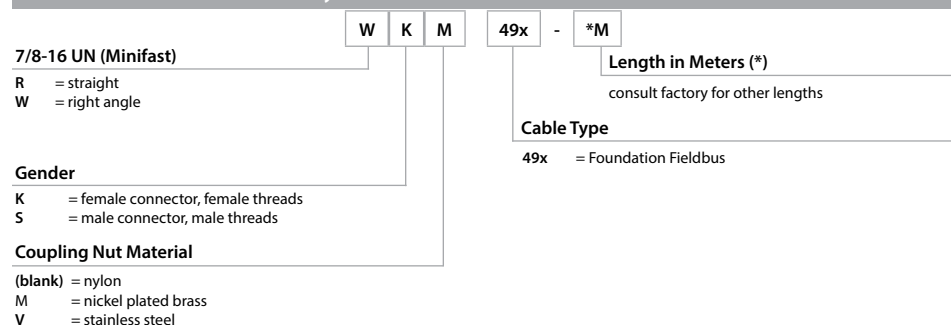


Minifast Receptacle Part Number Key

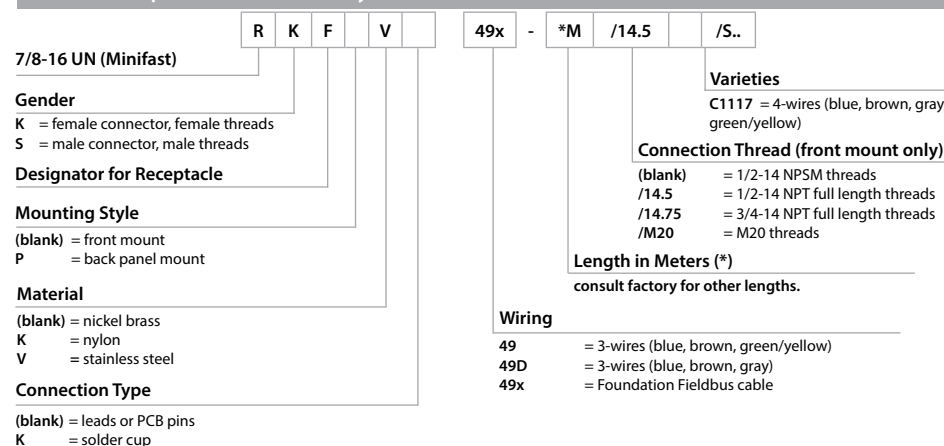


Foundation Fieldbus

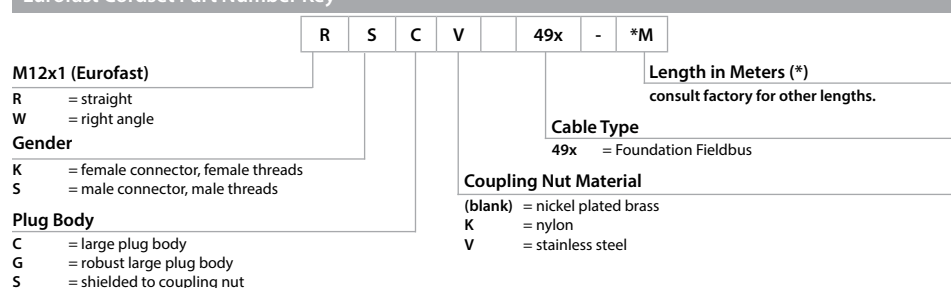
Minifast Cordset Part Number Key



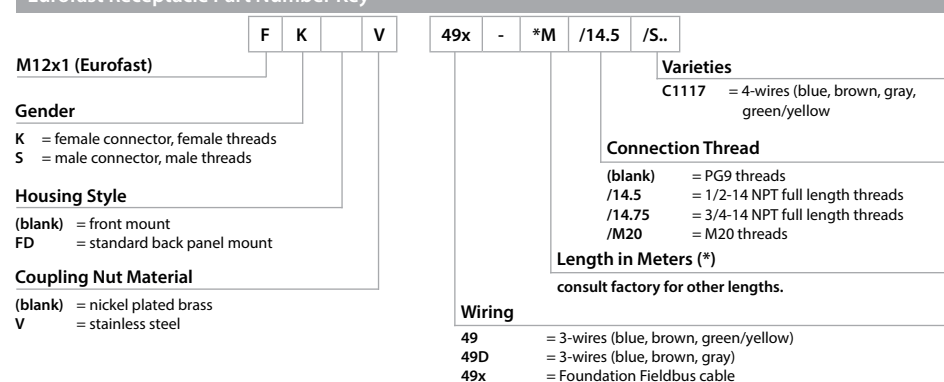
Minifast Receptacle Part Number Key



Eurofast Cordset Part Number Key



Eurofast Receptacle Part Number Key



Microfast

1/2" Microfast Cordset Part Number Key

1/2" Microfast Cordset

KB = straight female connector
WKB = right angle female connector
SB = straight male connector
WSB = right angle male connector

Body Style
 (blank) = standard plug body, 22 AWG
E = large plug body, 18 AWG

Coupling Nut Material
 (blank) = nylon
V = stainless steel
K = nylon

Number of Wires / AWG / Color Codes
2 = BN, BU
3 = GN/YE, RD/BK, RD/WH
4 = RD/BK, RD/WH, RD, GN/YE
5 = RD/WH, RD, GN/YE, RD/YE, RD/BK
6 = RD/WH, RD, GN/YE, RD/YE, RD/BK, RD/BU

Varieties
 (blank) = PVC jacket
/S90 = TPU jacket
/S90-SP = TPU coil cord
/S105 = PVC jacket, mechanical shield (braided)
/S1587 = TPE, Weldlife
/S .. = consult factory, special
/CS .. = consult factory, special

Length in Meters

Plug Options
T = T barb fitting

1/2" Microfast Receptacle Part Number Key

1/2" Microfast Receptacle

Gender
K = female connector, female threads
S = male connector, male threads

Designator for Receptacle

Mounting Style
 (blank) = front mount
P = back panel mount

Material
 (blank) = nickel plated brass
V = stainless steel

Number of Wires / AWG / Color Codes
2 = BN, BU
3 = GN/YE, RD/BK, RD/WH
4 = RD/BK, RD/WH, RD, GN/YE
5 = RD/WH, RD, GN/YE, RD/YE, RD/BK
6 = RD/WH, RD, GN/YE, RD/YE, RD/BK, RD/BU

Varieties
/S690 = 18 AWG
/S717 = assembled with jacketed cable
/S .. = consult factory, special
/CS .. = consult factory, special

Mounting Threads
18.25 = 1/4-18 NPT
14.5 = 1/2-14 NPSM
14.5/NPT = 1/2-14 NPT
M20 = m20x1.5 threads

Length in Meters

Field Wireable Part Number Key

Field Wireable Type
MF = standard field wireable

Gender
 (blank) = female
S = male

1/2 Microfast Field Wireable

Cable Opening
0 = no cable

Termination
1 = standard

Number of Pins
3 = 3

Housing Style
1 = straight
2 = right angle

Junction Box Part Number Key

Microfast Junction Box

Number of Ports, Wiring
40 = 4 port, 1 signal per port
60 = 6 port, 1 signal per port
80 = 8 port, 1 signal per port

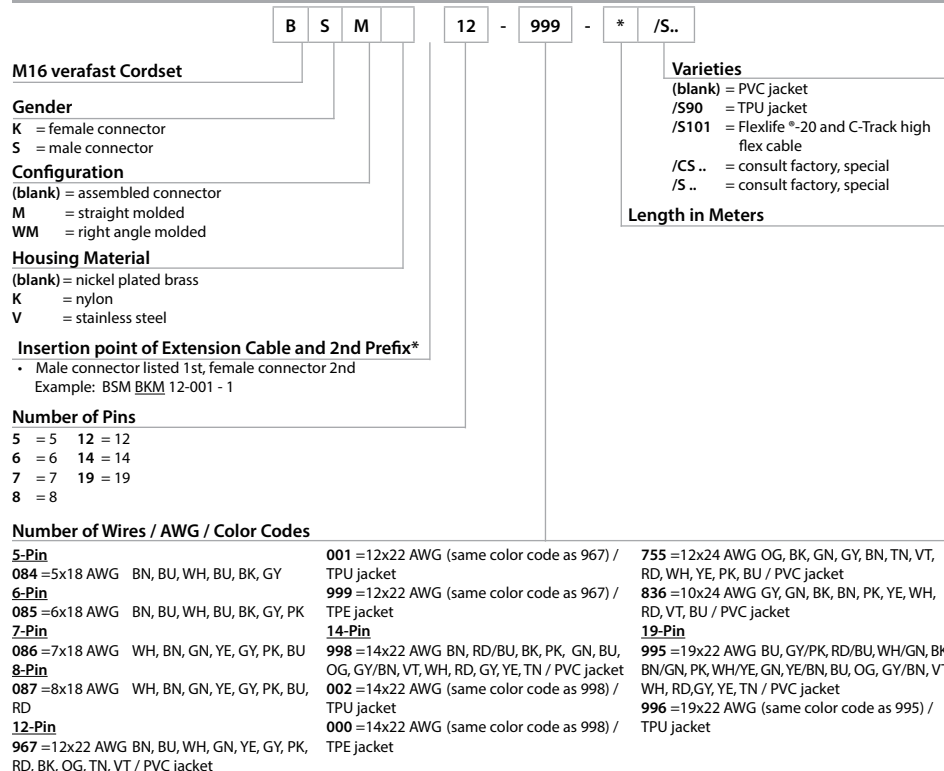
Varieties
/S.. = consult factory, customer special
/CS.. = consult factory, customer special

Cable Type (x)
 (numbers) = length of integral home run cable in meters
CS12 = Multifast connector, 12-pin
B1161 = Minifast connector, 6-pin

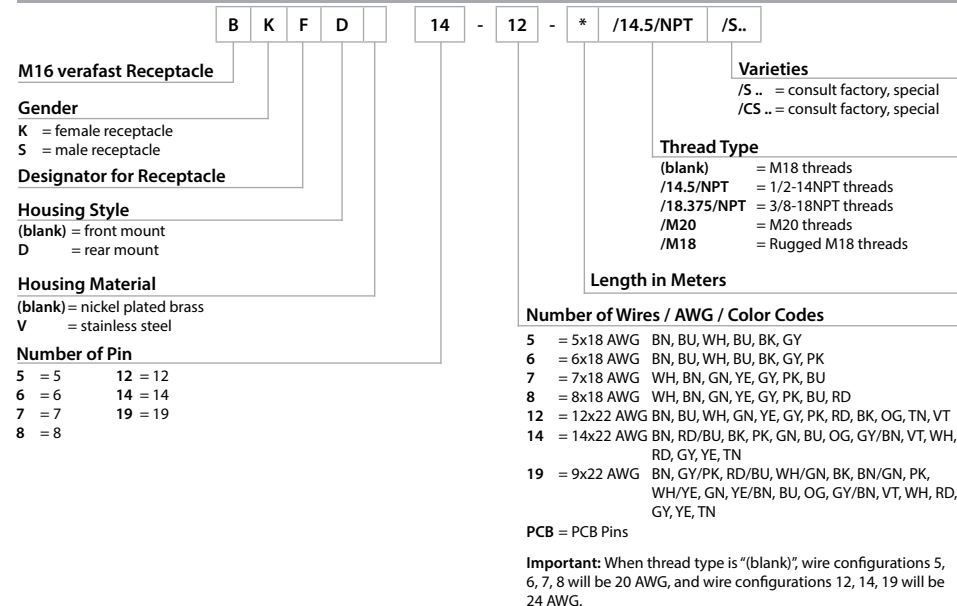
LED Options
 (blank) = No LEDs
Xn = LEDs, n = Number of LEDs

M16 Versafast

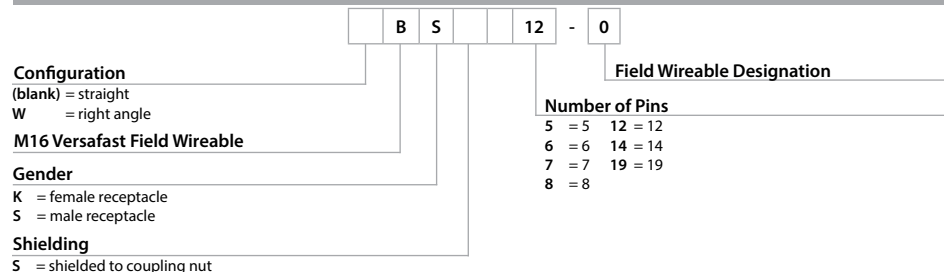
M16 Versafast Cordset Part Number Key



M16 Versafast Receptacle Part Number Key

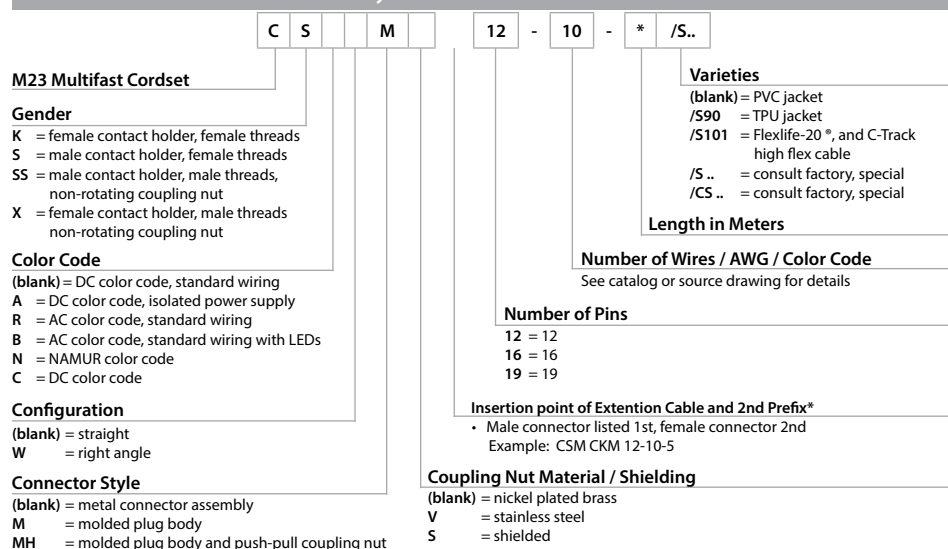


Field Wireable Part Number Key

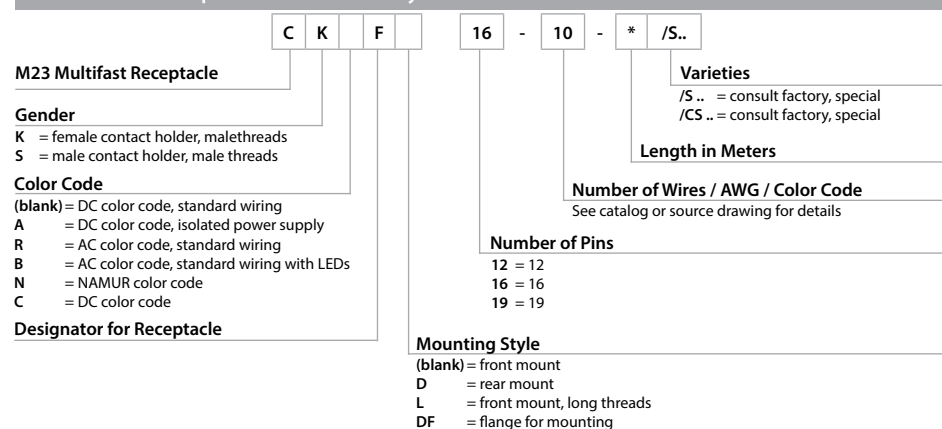


M23 Multifast

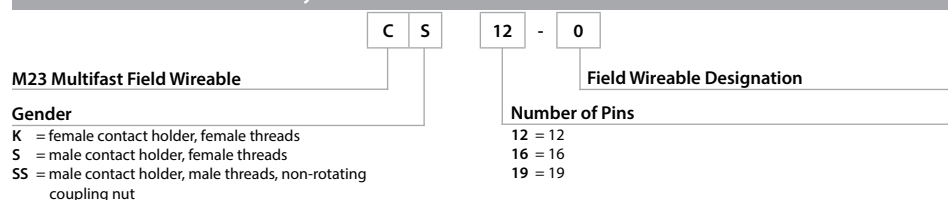
M23 Multifast Cordset Part Number Key



M23 Multifast Receptacle Part Number Key

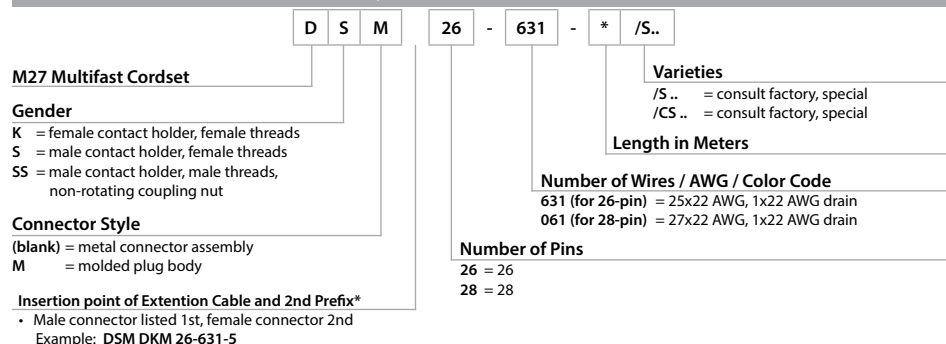


Field Wireable Part Number Key

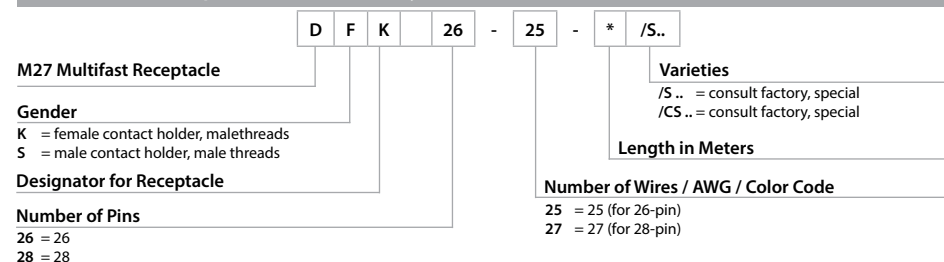


M27 Multifast

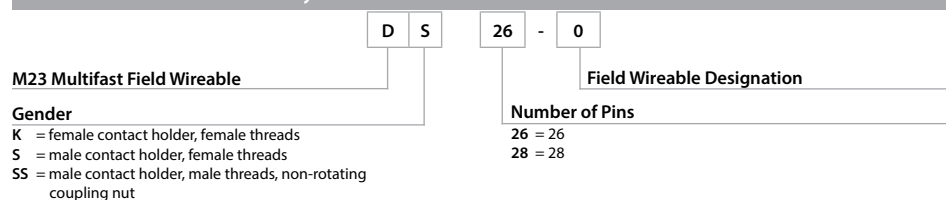
M27 Multifast Cordset Part Number Key



M27 Multifast Receptacle Part Number Key



Field Wireable Part Number Key



Minifast Process Automation

Minifast Cordset Part Number, 2-Wire Analog or HART Control Circuits

P - **R** **S** **V** **R** **K** **V** **40-330** - **2M**

P= Process Cordset
7/8", 1" & 1 1/8" Minifast Cordset
R = straight
W = right angle
Gender
K = female connector and threads
S = male connector and threads
Coupling Nut Material
M = nickel plated brass
V = 316 stainless steel
Body
(blank) = standard
B = large body, A-size armor
Insertion Point of Extension Cable Second Prefix*
 *Male connector listed first, female connector second
 Example: P-RSV RKV 40-330-2M

Length in Meters
Number of Wires/AWG/Color Codes/Cable Type
40-1188XL = 3x18 AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, Extremelife-60 (black)
40-330 = 3x18 AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, DIR BUR, PVC (black)
40A-952 = 3x18 AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, DIR BUR, Armor, PVC (black)
66-2176XL = 5x18 AWG, BU, BN, GN/YE, WH, BK, ITC-ER/PLTC-ER, DIR BUR, Extremelife-60 (black)
66-494 = 5x18 AWG, BU, BN, GN/YE, WH, BK, ITC-ER/PLTC-ER, DIR BUR, PVC (black)
66A-1802 = 5x18 AWG, BU, BN, GN/YE, WH, BK, ITC-ER/PLTC-ER, DIR BUR, Armor, PVC (black)
101-1189XL = 9x18 AWG, WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, GN/YE, WH/OG, OG/WH, ITC-ER/PLTC-ER, DIR BUR, Extremelife-60 (black)
101-489 = 9x18 AWG, WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, GN/YE, WH/OG, OG/WH, ITC-ER/PLTC-ER, DIR BUR, PVC (black)
101A-417 = 9x18 AWG, WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, GN/YE, WH/OG, OG/WH, ITC/PLTC, Armor, PVC (black)
190-1484XL = 16x22 AWG-1x18 AWG, WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, WH/OG, OG/WH, WH/BU, GN/YE BU/WH, WH/BN, BN/WH, WH/YE, YE/WH, WH/VT, VT/WH, ITC-ER/PLTC-ER, DIR BUR, Extremelife-60 (black)

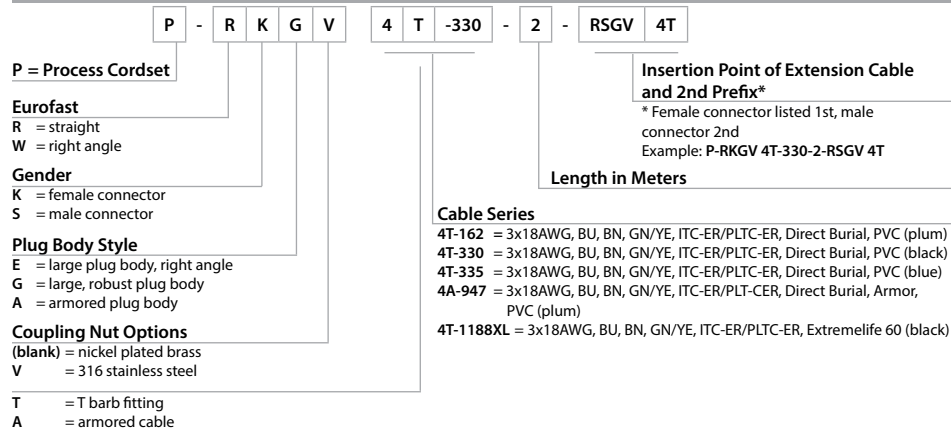
Minifast Receptacle with Leads Part Number, 2-Wire Analog or HART Control Circuits

P - **R** **K** **F** **V** **40** **EX** - **0.5** - **/14.5/NPT**

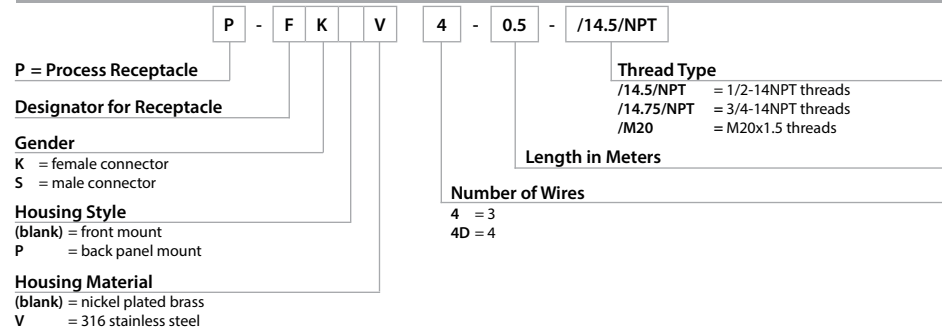
P= Process Receptacle
7/8", 1" & 1 1/8" Minifast Receptacle
Gender
K = female connector
S = male connector
Designator for Receptacle
Housing Material
(blank) = nickel plated brass
V = stainless steel
Thread Type
(blank) = 1/2-14NPSM
/14.5/NPT = 1/2-14 NPT Threads
/14.75/NPT = 3/4-14 NPT Threads
/M20 = M20 x 1.5 Threads
Length in Meters
Receptacle Type
(blank) = nonincendive
EX = explosion-proof feedthru
Number of Wires/AWG
40 = 3
40D = 4
66 = 5
66D = 6
101 = 10
190 = 18

M12 Process Automation

M12 Eurofast Cordset Part Number Key, 2-Wire Analog or HART Control Circuits

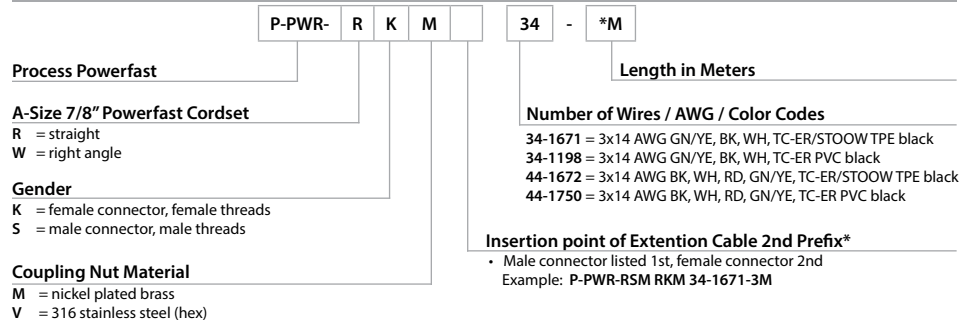


M12 Eurofast Receptacle with Leads Part Number Key, 2-Wire Analog or HART Control Circuits

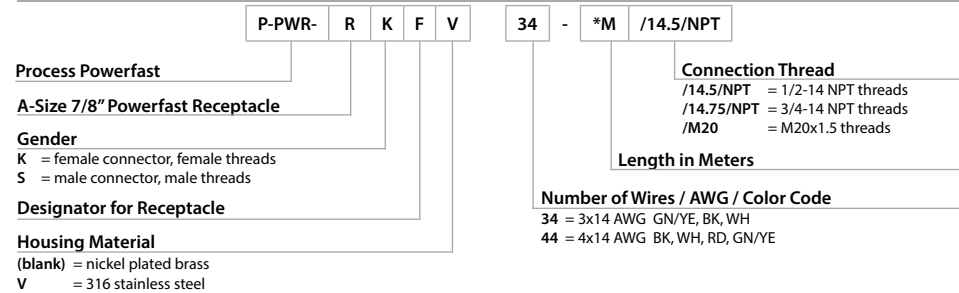


A-Size 7/8" Powerfast Process Automation

A-Size 7/8" Powerfast Cordset Part Number Key



A-Size 7/8" Powerfast Receptacle Part Number Key



D-Size 1 3/8" Powerfast Process Automation

D-Size 1 3/8" Powerfast Cordset Part Number Key

P-PWR-	G	S	D	M	30	-	*M
Process Powerfast							Length in Meters
D-Size 1 3/8" Powerfast Cordset							Number of Wires / AWG / Color Codes
Gender							30-1667 = 3x10 AWG, BK, GN/YE, WH, TC-ER STOOOW TPE Black 30-1742 = 3x10 AWG, BK, GN/YE, WH, TC-ER PVC Black 32-1669 = 3x12 AWG, BK, GN/YE, WH, TC-ER STOOOW TPE Black 32-1851 = 3x12 AWG, BK, GN/YE, WH, TC-ER PVC Black 34-1671 = 3x14 AWG, BK, GN/YE, WH, TC-ER STOOOW TPE Black 34-1198 = 3x14 AWG, BK, GN/YE, WH, TC-ER TPE Black 40-1666 = 4x10 AWG, BK, GN/YE, RD, WH, TC-ER STOOOW TPE Black 40-1743 = 4x10 AWG, BK, GN/YE, RD, WH, TC-ER PVC Black 42-1668 = 4x12 AWG, BK, GN/YE, RD, WH, TC-ER STOOOW TPE Black 42-1850 = 4x12 AWG, BK, GN/YE, RD, WH, TC-ER PVC Black 44-1672 = 4x14 AWG, BK, GN/YE, RD, WH, TC-ER STOOOW TPE Black 44-1193 = 4x14 AWG, BK, GN/YE, RD, WH, TC-ER PVC Black
D-Size Power							
Configuration							
(blank) = straight							
W = right angle							
Coupling Nut Material							Insertion point of Extention Cable 2nd Prefix*
A = anodized aluminum							• Male connector listed 1st, female connector 2nd
M = nickel plated brass							Example: P-PWR-GSDM GKDM 30-1667-2M
V = 316 stainless steel (hex)							

D-Size 1 3/8" Powerfast Receptacle Part Number Key

P-PWR-	G	S	D	F	V	30	EX	-	*M	/14.5/NPT
Process Powerfast										Connection Thread
D-Size 1 3/8" Powerfast Receptacle										/14.5/NPT = 1/2-14 NPT threads /14.75/NPT = 3/4-14 NPT threads /M20 = /M20x1.5 threads
Gender										Length in Meters
K = female connector, female threads										
S = male connector, male threads										
D-Size Power										Explosion Proof
Designator for Receptacle										(blank) = standard
										EX = Explosion proof feed-thru receptacle
Housing Material										Number of Wires / AWG / Color Code
(blank) = nickel plated brass										30 = 3x10 AWG BK, GN/YE, WH
A = anodized aluminum										32 = 3x12 AWG BK, GN/YE, WH
V = 316 stainless steel										34 = 3x14 AWG BK, GN/YE, WH
										40 = 4x10 AWG BK, GN/YE, RD, WH
										42 = 4x12 AWG BK, GN/YE, RD, WH
										44 = 4x14 AWG BK, GN/YE, RD, WH

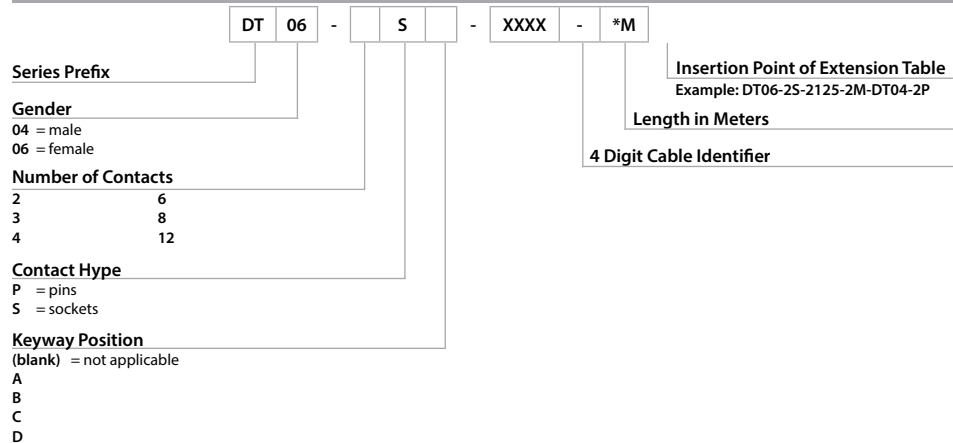
Valve

Valve Cordset Part Number Key

V	A	S	22	-	F	653	-	*M	/S..
DIN 43650 Valve Cordset T = cable exit on ground side V = cable exit opposite ground side H = cable exit opposite ground side on top of plug									Varieties /S .. = consult factory, special /S810= Longer mounting screw
									Insertion point of Extention Cable 2nd Prefix* *Valve connector listed 1st, other connector 2nd Example: VAS 22 - F653 - 1M - RS 5.3T
									Connection Type, Length in Meters FS 5.3 = integrated M12 Eurofast connector V1131 = integrated M8 Picofast connector
									Number of Wires / AWG / Color Codes W =field wireable connector 544 =4x18 AWG BN, WH, BK, BU 587 =3x24 AWG BN, BK, BU 580 =4x18 AWG BN, WH, BK, BU 642 =3x24 AWG BN, BK, BU 653 =3x18 AWG BK, BK, GN/YE
									654 =3x18 AWG BN, BK, BU 658 =3 x18 AWG RD/WH, RD/BK, GE 669 =3x18 AWG BK, BK, GN/YE 003 =2x20 AWG BN, BU 957 =3x18 AWG RD/WH, RD/BK, GN/YE YE
									Wiring A = straight through 0-220VAC/DC B = yellow LED 24-48VAC/DC C = yellow LED 110-220VAC/DC D = yellow LED/MOV 24-48VAC/DC E = yellow LED/MOV 110-220 VAC/DC F = yellow LED/Diode 24-48 VDC L = yellow LED 24 VAC/DC M = yellow LED 48 VAC/DC K = two color LED for change over to switch 24 VDC red = switch open position green = switch closed position
									N = yellow LED 110 VAC/DC P = yellow LED/MOV 24 VAC/DC

Deutsch

Deutsch Cordset Part Number Key



A-Size 7/8" Powerfast

A-Size 7/8" Powerfast Cordset Part Number Key

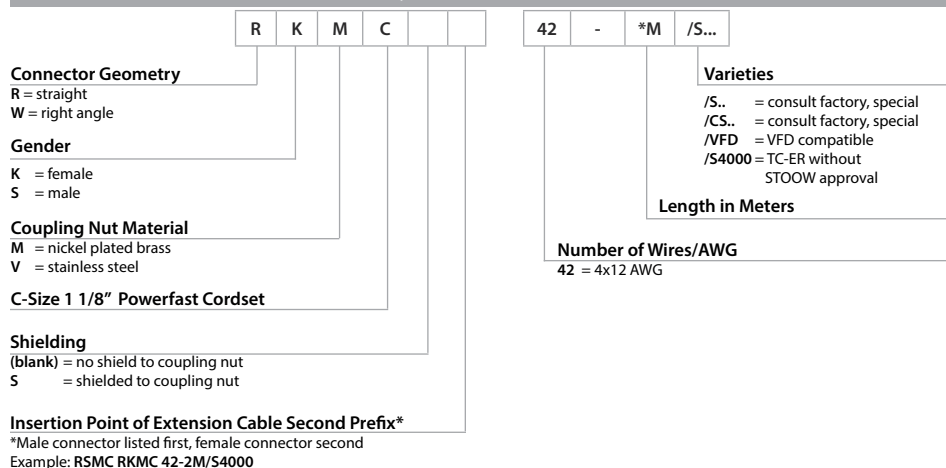
R	K	M	34	-	*M	/S..
A-Size 7/8" Powerfast Cordset R = straight W = right angle						Varieties (blank) = TC-ER ST00W PVC cable jacket /S4000 = TC-ER cable jacket /S.. = consult factory, special /CS.. = consult factory, special
Gender K = female connector, female threads S = male connector, male threads Y = male connector, female threads						Length in Meters
Coupling Nut Material / Shielding (blank) = nylon M = nickel plated brass V = 316 stainless steel (hex)						Keyway (blank) = standard P = alternate
						Number of Wires / AWG / Color Codes 34 = 3x14 AWG GN/YE, BK, WH 44 = 4x14 AWG BK, WH, RD, GN/YE
						Insertion point of Extention Cable 2nd Prefix* • Male connector listed 1st, female connector 2nd Example: <u>RSM.RKM.44-2M</u>

A-Size 7/8" Powerfast Receptacle Part Number Key

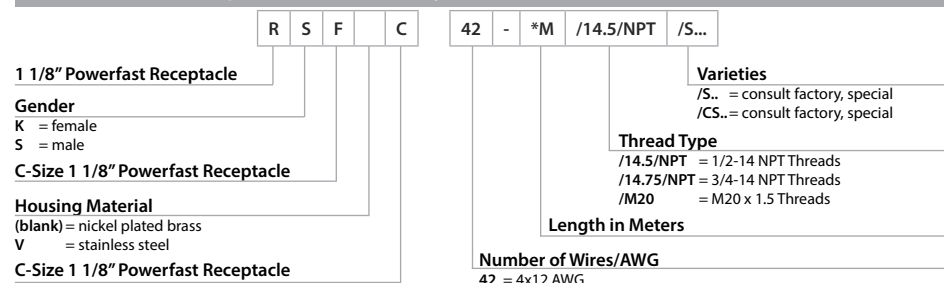
R	K	F	V	34	-	*M	/NPT	/S..
A-Size 7/8" Powerfast Receptacle Gender K = female connector, female threads S = male connector, male threads X = female connector, male threads								Varieties /S = consult factory, special /CS = consult factory, special W/LN = with locknut
Designator for Receptacle								Connection Thread /14/75/NPT = 3/4-14 NPT threads /NPT = 1/2-14 NPT threads /M20 = /M20x1.5 threads
Housing Material (blank) = nickel plated brass K = nylon V = 316 stainless steel								Length in Meters
								Keyway (blank) = standard P = alternate
								Number of Wires / AWG / Color Code 34 = 3x14 AWG GN/YE, BK, WH 44 = 4x14 AWG BK, WH, RD, GN/YE

C-Size Powerfast

C-Size Powerfast Cordset Part Number Key

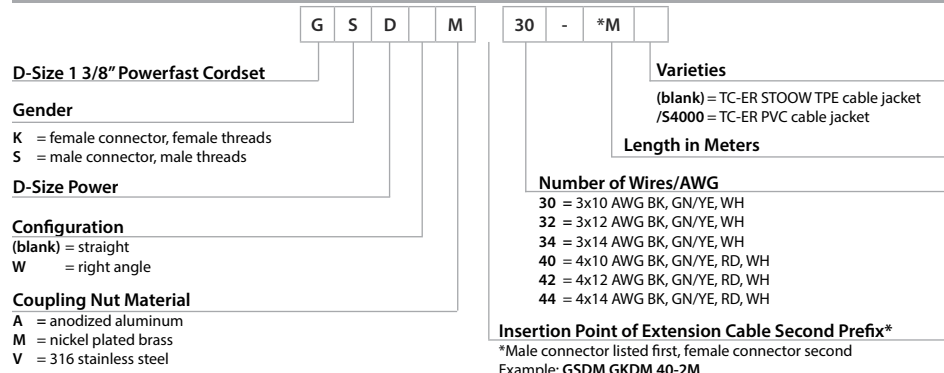


C-Size Powerfast Receptacle Part Number Key

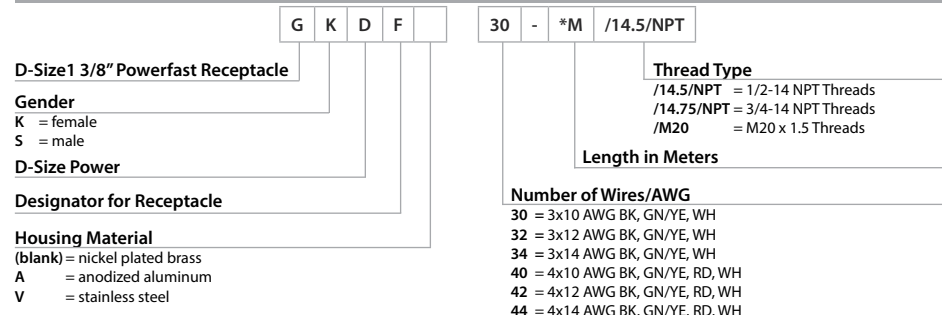


D-Size Powerfast

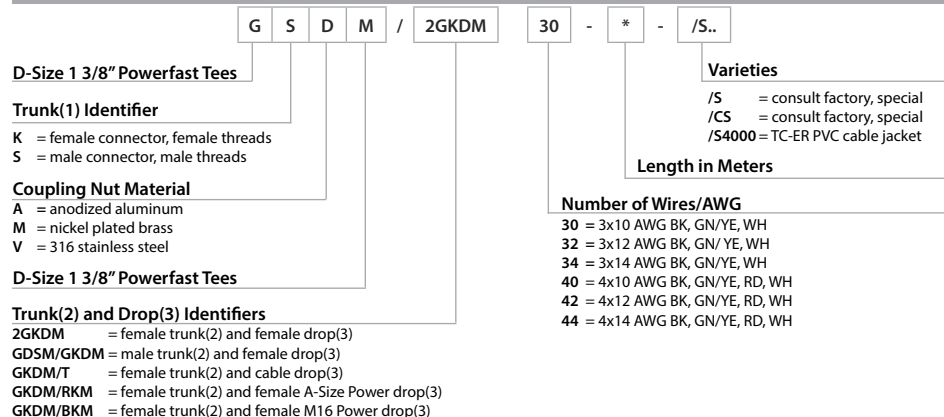
D-Size 1 3/8" Powerfast Cordset



D-Size 1 3/8" Powerfast Receptacle Part Number Key



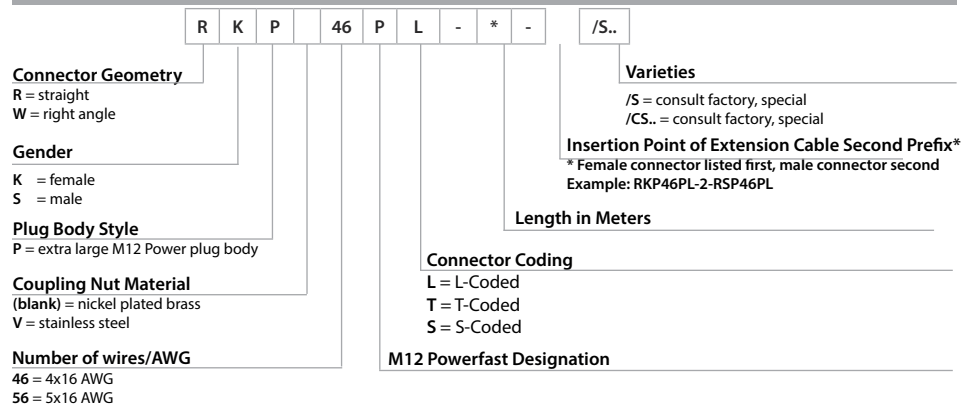
D-Size 1 3/8" Powerfast Tee Part Number Key



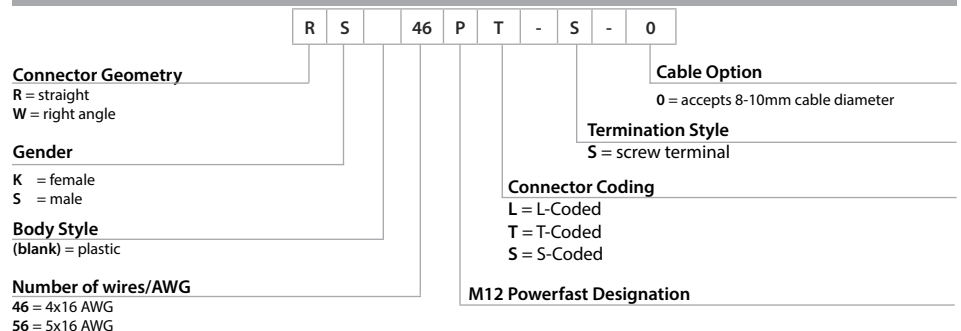
Note: Only one male connector per tee available. Standard female coupling nut material for A-Size Power drop and M16 Power drop is nickel plated brass.

M12 Powerfast

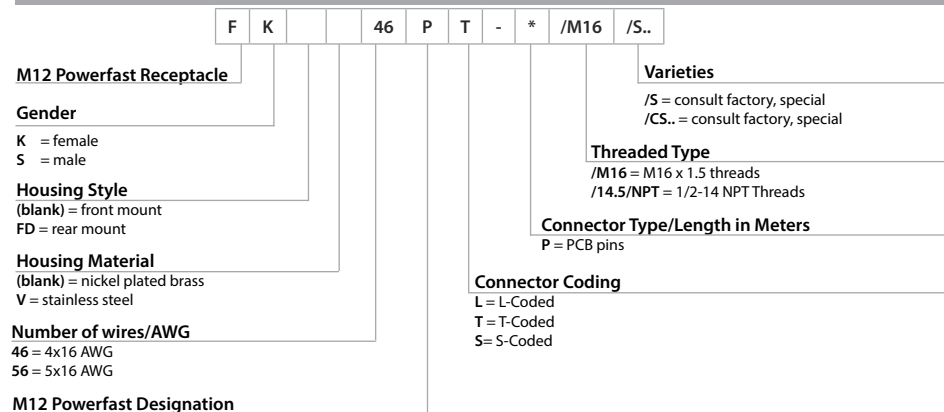
M12 Power Cordset Part Number Key



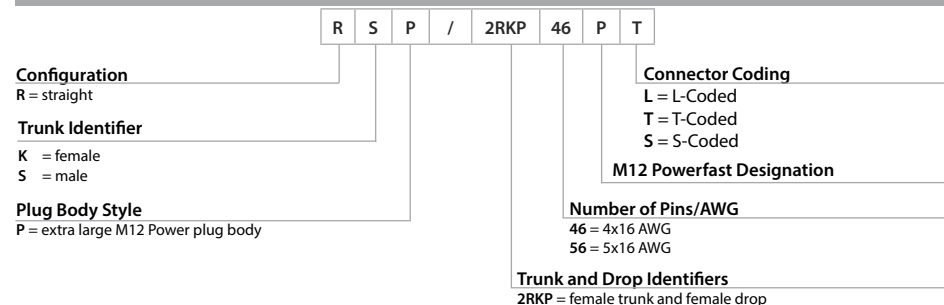
M12 Power Field Wireable Part Number Key



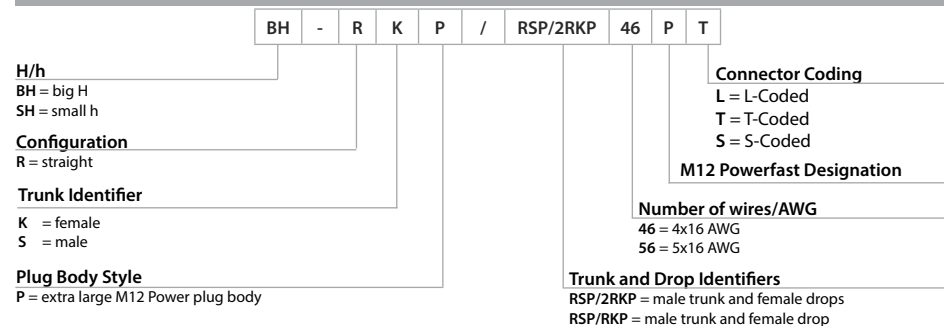
M12 Power Receptacles Part Number Key



M12 Powerfast Tee Part Number Key



M12 Powerfast H/h Style Tee Part Number Key



M16 Powerfast

M16 Powerfast Cordset Part Number Key

B	S	M			34-198	-	*	/S..
M16 (16 mm) Powerfast Cordset								
Gender					Varieties			
K = female connector					/S = consult factory, special			
S = male connector					/CS = consult factory, special			
					/VFD = VFD compatible			
Configuration					Length in Meters			
M = straight					Number of Wires / AWG / Color Code			
WM = right angle					22-380 = 2x12 AWG WH, BK			
					34-198 = 3x14 AWG WH, GN/YE, BK			
					44-193 = 4x14 AWG WH, GN/YE, BK, RD			
					22-1759 = 2x12 AWG WH, BK (shielded)			
					34-1364 = 3x14 AWG WH, GN/YE, BK (shielded)			
					44-1363 = 4x14 AWG WH, GN/YE, BK, RD (shielded)			
					44-2188 = 4x14 AWG WH, GN/YE, BK, RD (shielded, VFD)			
Shielding					Insertion point of Extension Cable and 2nd Prefix*			
(blank) = not shielded to coupling nut					• Male connector listed 1st, female connector 2nd			
S = shielded to coupling nut					Example: BSM BKM 34-198*			
Coupling Nut Material								
(blank) = nickel plated brass								
K = nylon								
V = 316 stainless steel								
S = shielded								

M16 Powerfast Tee Part Number Key

B	S	M		-	2BKM	34	-	198	-	*	-	/S..
M16 (16 mm) Powerfast												Varieties
Trunk (1) Identifier												/S = consult factory, special
K = female receptacle												/CS= consult factory, special
S = male receptacle												
Configuration												Length in Meters
M = straight												(blank) = connector only
												* = drop cable
												//* = trunk(1) cable / trunk(2) cable / drop(3) cable
Coupling Nut Material												AWG / Color Code
(blank) = nickel plated brass												(blank) = connector only
K = nylon												380 = 2x14 AWG WH, BK
V = 316 stainless steel												198 = 3x14 AWG WH, GN/YE, BK, RD
												193 = 4x14 AWG WH, GN/YE, BK, RD
Trunk (2) and Drop (3) Identifiers												Number of Pins
2BKM = female trunk(2) and female drop(3)												22 = 2
BSM/BKM = male trunk(2) and female drop(3)												34 = 3
BKM/T = female trunk(2) and cable drop(3)												44 = 4

M16 Powerfast Receptacle Part Number Key

B	K	F			22	-	*	/14.5/NPT
M16 (16 mm) Powerfast Receptacle								
Gender					Thread Type			
K = female contact holder, female threads					/14.5/NPT = 1/2-14NPT threads			
S = male contact holder, female threads					/M20 = M20 threads			
					/M18 = M18 threads			
Designator for Receptacle					Length in Meters			
					Number of Wires / AWG / Color Code			
					22 = 2x12 AWG WH, BK			
					34 = 3x14 AWG WH, GN/YE, BK			
					44 = 4x14 AWG WH, GN/YE, BK, RD			
Housing Style								
(blank) = front mount								
D = rear mount								
Housing Material								
(blank) = nickel plated brass								
V = 316 stainless steel								

M16 Powerfast H/h Style Tee Part Number Key

BH	-	B	S	M		/	2BKM	34	-	198	-	*	-	/S..
H/h Style								Varieties						
BH = big H								/S .. = consult factory, special						
SH = small h								/CS .. = consult factory, special						
M16 (16 mm) Powerfast								Length in Meters						
Trunk (1) Identifier K = female connector S = male connector								(blank) = connector only						
								* = drop cable						
								*/**/* = trunk(1) cable / trunk(2) cable / drop(3) cable						
								*/**/*/* = trunk(1) cable / trunk(2) cable / drop(3) cable / drop(4) cable						
Configuration M = straight								AWG / Color Code						
Coupling Nut Material (blank) = nickel plated brass K = nylon V = 316 stainless steel								(blank) = connector only						
								380 = 2x12 AWG, WH, BK						
								198 = 3x14 AWG, WH, GN/YE, BK						
								193 = 4x14 AWG, WH, GN/YE, BK, RD						
Trunk (2) and Drop (3&4) Identifiers								Number of Pins						
2BKM = female trunk(2) and female drop(3) (h)								22 = 2						
BSM/BKM = male trunk(2) and female drop(3) (h)								34 = 3						
BKM/T = female trunk(2) and cable drop (3) (h)								44 = 4						
3BKM = female trunk(2) and female drops(3&4) (H)														
BSM/2BKM = male trunk(2) and female drops(3&4) (H)														

M23 Powerfast

M23 Powerfast Cordset Part Number Key

C	K	M	64-078	-	*	/S..
M (23 mm) Powerfast Receptacle						
Gender						
K			= female contact holder, female threads			
S			= male contact holder, female threads			
SS			= male contact holder, male threads			
Configuration						
M			= straight			
WM			= right angle			
(blank)			= straight assembled connector			
Coupling Nut Material / Shielding						
(blank)			= nickel plated brass			
V			= stainless steel			
S			= shielded			
			Varieties			
			(blank) = PVC jacket			
			/S90 = PUR jacket			
			Length in Meters			
			Number of Wires / AWG / Color Code			
			64-078 = 6x14 AWG WH, RD, GN/YE, OG, BK, BU			
			74-079 = 7x14 AWG WH/BK, BK, WH, RD, OG, BU, GN/YE			
			94-080 = 3x14 & 6X18 AWG RD, WH, WH/BK, BU, OG, BK, GN/BK, GN/YE, RD/BK			
			622-059 = 6x12 AWG BU, RD, GN/YE, BN, OG, YE			
			822-287 = 4x12 & 4X18 AWG BU, GN/YE, WH, BK, OG, RD, WH/BK, RD/BK			
			622-286 = 6x12 AWG BU, RD, GN/YE, BN, OG, YE			
			822-288 = 4x12 & 4X18 AWG BU, GN/YE, WH, BK, OG, RD, WH/BK, RD/BK			
			Insertion point of Extention Cable and 2nd Prefix*			
			• Male connector listed 1st, female connector 2nd			
			Example: CSMCKM64-078-1			

M23 Powerfast Receptacle Number Key

C	K	F	64-6	-	*
M (23 mm) Powerfast Receptacle					
Gender					
K			= female contact holder, male threads		
S			= male contact holder, male threads		
Designator for Receptacle					
			Mounting Style		
			(blank) = front mount		
			D = rear mount		
			F = flange		
			MF = flange, rotating coupling nut		
			L = front mount, long threads		
			Number of Wires / AWG / Color Code		
			64-6 = 6x14 AWG WH, RD, GN/YE, OG, BK, BU		
			74-7 = 7x14 AWG WH/BK, BK, WH, RD, OG, BU, GN/YE		
			94-9 = 3x14 & 6X18 AWG RD, WH, WH/BK, BU, OG, BK, GN/BK, GN/YE, RD/BK		
			622-6 = 6x12 AWG BU, RD, GN/YE, BN, OG, YE		
			822-8 = 4x12 & 4X18 AWG BU, GN/YE, WH, BK, OG, RD, WH/BK, RD/BK		
			Housing Material		
			(blank) = nickel plated brass		
			V = stainless steel		

M40 Powerfast

M40 Powerfast Cordset Part Number Key

H S M			4	8	0	0	-	1279	-	*	/S..
M40 Powerfast Cordset											Varieties
Gender											/S... = consult factory /CS... = consult factory
K = female connector, female threads S = male connector, male threads											Length in Meters
(blank) = Assembled connector M = Molded connector											Color Code / Cable Type
											1279 = WH, BK, RD, GN/YE, TC-ER TPE Black 1884 = BK"V", BK"U", BK"W", BU/YE"+", BU/YE"-", GN/YE, TC-ER/STOOW, PVC Black 1963 = BK"V", BK"U", BK"W", BU/YE"+", BU/YE"-", GN/YE, TC-ER/STOOW, TPE Black 2072 = BK"V", BK"U", BK"W", BU/YE"+", BU/YE"-", GN/YE, TC-ER/STOOW, PVC Black
Insertion Point for 2nd Connector*											Gauge of Control Wires
• Male connector listed 1st, female connector 2nd Example: HSM HKM 4800-1279-5											0 = No connection or 20 AWG wire to control wins 4 = 14 AWG wire to control pins
Number of Power Wires											Number of Control Wires
4 = 4 wires connected to power pins											0 = No connection to control pins 2 = 2 controls pins connected
											Gauge of Power Wires
											8 = 8 AWG wire to power pins 0 = 10 AWG wire to power pins 2 = 12 AWG wire to power pins

M40 Powerfast Receptacle Part Number Key

H S F F				4	8	0	0	-	*	/S..
M40 Powerfast Receptacle										Varieties
Gender										/S... = consult factory /CS... = consult factory
K = female connector, female threads S = male connector, male threads										Length in Meters
Designator for Receptacle										Gauge of Control Wires
Mounting Style										0 = no connection or 20 AWG wire to control wins 4 = 14 AWG wire to control pins
F = flange MF = flange, rotating coupling nut										Number of Control Wires
Number of Power Wires										0 = no connection to control pins 2 = 2 controls pins connected
4 = 4 wires connected to power pins										Gauge of Power Wires
										8 = 8 AWG wire to power pins 0 = 10 AWG wire to power pins 2 = 12 AWG wire to power pins

Common Product Modification Numbers (S#, C#, & CS#)

Conductor Gauge Modifications

S/CS#	Description	Products Specific To
S1505	26 AWG conductors	
S1658	16 AWG conductors	
S613	18 AWG conductors	
S627	20 AWG conductors	
S830	24 AWG conductors	
S849	22 AWG conductors	

Label and Packaging Modifications

S/CS#	Description	Products Specific To
S1579	No flag label, no wrap label, bag label only	
S3004	Bulk packed, no flag/wrap label, no individual bag	
S3025	Flag label rather than wrap label	
S862	No Flag or bag label. Bulk packed and label on box only	
SV	Special packaging for vending machine	
S1307	Special wiring. Crossed pins 1 & 3, and 2 & 4	4 pole M8 cordsets
S1569	Series wired for NPN signals	M12 splitters
S3063	Special wiring. All numbered black wires with Green/Yellow ground wire	A-size, C-size, D-size, & M16 powerfast products
S3254	Cognex Dataman scanner power cable. Uses special wiring	M12 12 pole cordset
S621	18 AWG numbered gray wires	M12 receptacles
S626	Special Wiring to mate to microswitch prox (Crosses to Brad Harris)	M12 cordsets
S651	Parallel wiring	Splitters, junction boxes, tees, and conduit adaptors
S653	Special wiring. Cable with foil shield and drain wire connected to pinout	
S675	Cross wired to interface with Banner NPN outputs	M12 cordsets
S719	Input is series wired	Splitters
S727	Gray TPU cable with non-standard pinout	Microfast products
S755	Special Wiring. The branch pin #2s are inputs and the branch pin #4s are n/c	M12 splitters

Cable Modifications

S/CS#	Description	Products Specific To
S101	Flexlife-20 and C-Track Rated Cable	
S105	Heavy Duty Braided Shield Cable	1/2" Microfast Cordsets
S1050	600 Volt Conductors/Cable	
S1052	Gray Cable Jacket	
S1064	Halogen Free Cable	
S1096	Blue PVC 22AWG Cable with Special Wiring	M8 Cordsets
S1136	Low Smoke Halogen Free (LSHF/LSZH) cable or wires	
S1538	Uses Gray 18AWG PVC Cable with Green/Yellow Conductor on Pin 5	M12 Cordsets
S1554	Black PVC Cable with drain wire and shield, drain wire not connected.	
S1555	Black PVC Cable with Drain Wire and Shield; Drain Wire to be Connected to Pin 8	M12 8 Pole Products
S1587	Weldlife TPE Jacketed Cable	
S1825	Red Cable Jacket	
S1980	Halogen Free Cable with Yellow Jacket	
S3059	Weldlife Cable with TC-ER Rating and CSA FT4 Flame Rating	Minifast Cordsets
S3060	Weldlife Cable with ITC/PLTC rating and CSA FT4 flame rating.	M12 Cordsets
S3236	Orange Cable Jacket	
S3276	TPE Cable Jacket	Powerfast & Minifast Cordsets
S3415	Weldlife Cordset, with Black Overmold and Yellow Aramid Over-Braid Cable	
S4000	TC-ER Cable without STOOW Approval	Any A-Size & D-Size Power products
S529	"Super Cable": Cable construction is TPU over braided shield over PVC	
S600	Heavy Duty Rubber Jacket and Conductor Insulation	
S618	Cordset with Drain Wire and Foil Shield, Drain Wire is not Connected.	
S715	Yellow Cable Jacket	
S717	Receptacle assembled with the Standard Cable from the Mating Cordset	Any Receptacle
S760	Black Cable Jacket	
S817	Special Wiring with Yellow 18AWG Shielded Cable for Cordsets	Any Minifast and M23 Products
S90	TPU (thermoplastic polyurethane) Cable Jacket	
S90-SP	TPU (thermoplastic polyurethane) Spiral Cable	

Common Product Modification Numbers (S#, C#, & CS#)

Wiring Modifications

S/CS#	Description	Products Specific To
C1117	Receptacle has 4 wires	Receptacles with (RKF, RSF, FK, FS) Base and (48) FF or (49) PA wiring
C1184	Non-standard pinout, reverse-key, and shield tied to coupling nut	Cordsets using DeviceNet cables (RSSW, RKSW)
C1290	Special wiring. Drain wire connected to pin 5	M12 fieldbus products
CS10288	18AWG Yellow PVC cable Special wiring: Green/Yellow conductor on pin 5	M12 cordsets
S1294	Special wiring. USA, 3 phase, AC low voltage color code	4 Pole Powerfast receptacles
S1307	Special wiring. Crossed pins 1 & 3, and 2 & 4	4 Pole M8 cordsets
S1569	Series wired for NPN signals	M12 splitters
S3063	Special wiring. All numbered black wires with Green/Yellow ground wire	A-Size, C-Size, D-Size, & M16 Powerfast products
S3254	Cognex Dataman Scanner power cable. Uses special wiring	Any M12 12 pole cordset
S621	18 AWG numbered gray wires	M12 receptacles
S626	Special wiring to mate to microswitch prox (Crosses to Brad Harris)	M12 cordsets
S651	Parallel wiring	Splitters, junction boxes, tees, and conduit adaptors
S653	Special wiring. Cable with foil shield and drain wire connected to pinout	
S675	Cross wired to interface with Banner NPN outputs	M12 cordsets
S719	Input is series wired	Splitters
S727	Gray TPU cable with Non-standard pinout	Microfast products
S755	Special wiring. The branch pin #2s are inputs and the branch pin #4s are n/c	M12 splitters

Plug Body Modifications

S/CS#	Description	Products Specific To
CS10455	PVC plug body or housing. Minifast use PVC CTH If available M12 use nylon CTH	
S1055	Red mold body	
S1057	Gray mold body	
S1126	Orange mold body	
S3001	Alpine green mold body	
S3034	Yellow mold body	
S3102	Red mold body and red cable. Special wiring: green/yellow conductor on pin 5	
S3369	Black mold body and black cable jacket	
S679	Blue-gray mold body	
S732	Gray cable with blue-gray mold body	
S771	Black mold body	

Other Modifications

S/CS#	Description	Products Specific To
C1195	Performance testing using fluke cable analyzer. Test result included in packaging	Ethernet/ProfiNet 2-Pair Extension cordsets
S1113	Assembled with insulated ferrules.	
S1599	Closure cap mated to connector	
S2000	DT series gold plated terminals	Deutsch DT connectors
S810	Longer mounting screws	Valve plugs
S857	Additional mounting hole	Vbr splitters
S1092	PTFE coated coupling nut	M12 cordsets
C1123	Female right angle cordset with keyway Rotated 90° counter clockwise	
C1251	Male right angle connector keyway rotated 180° from standard	
S1304	Female right angle cordset with keyway Rotated 180° from standard	
S3039	Receptacle with a FPM O-ring	

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