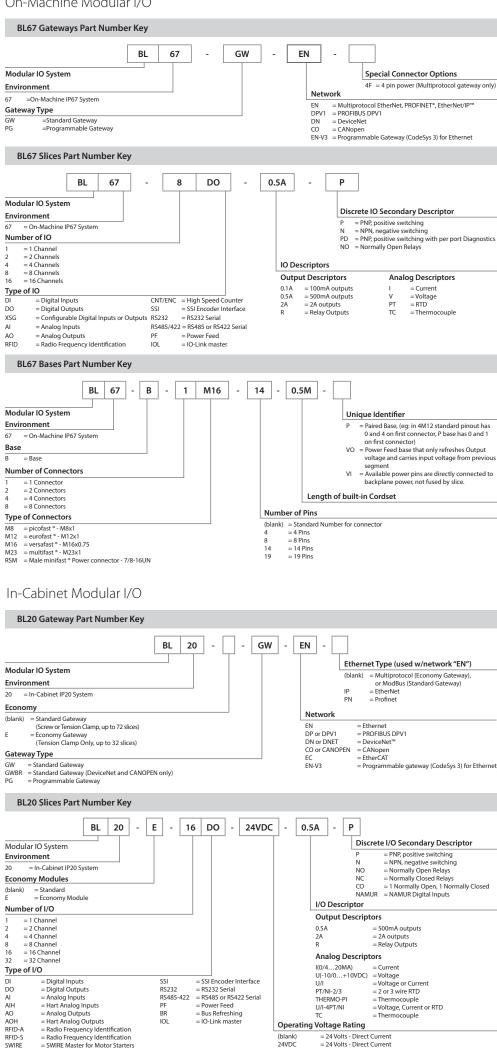


Fieldbus Technology Part Number Key

On-Machine Modular I/O



In-Cabinet Block I/O

FEN20 Part Number Key	
F EN 20 - 4 DI Fixed I/O Station	P - 4 DXP - E Connectors and Mounting (Blank) = Part Number Specific - Refer to Documentation for details E = Eurofast M12x1 connector on back of device - male only
AS = AS-Interface DP = PROFIBUS-DP DN = DeviceNet EN = Ethernet (EtherNet/IP, Modbus/TCP, Profinet)	ER = Eurofast M12x1 connector on back of device- male only also with removable terminal blocks E-A = Eurofast M12x1 connector on back of device - male only I/O powered by Aux Power. R-A = Removable terminal blocks. I/O powered by Aux Power
Environment 20 - In-Cabinet IP20 System	ER - A = Eurofast M12x1 connector on back of device - male only also with removable terminal blocks. I/O powered by Aux Power
Number of IO Points	Type of IO
4 = 4 points of IO 16 = 16 points of IO 32 =32 points of IO Type of IO	DIP = PNP Digital Input DOP = PNP Digital Output DXP = Configurable PNP Input or Output DIN = NPN Digital Input DXN = Configurable NPN Input or Output
DIP = PNP Digital Input DOP = PNP Digital Output DOP = Configurable PNP Input or Output DIN = NPN Digital Input	S = PNP Inputs (Legacy) SN = NPN/PNP Inputs (Legacy) XSG = Configurable PNP Input or Output (Legacy) Number of Input Points
DXN = Configurable NPN Input or Output S = PNP Inputs (Legacy) SN = NPN/PNP [nputs (Legacy)	4 = 4 points of I/O 16 =16 points of I/O

SN = INFIN/FINF INPUts (Legacy) = Configurable PNP Input or Output (Legacy) XSG

On-Machine Block I/O

BL Compact Part Number Key - 8 M12 BLC EN LT 4AI-VI 8DI-P I/O Type Position #2 4DI-P 4DI-PD 8DI-P 8DI-P 8DI-N 8DI-PD 8X5G-PD 4DO-0.5A-P 4DO-2A-N 8DO-0.5A-P 8DO-0.5A-N 2RFID-S Flexible Block I/O Station 2RFID-A (PROFIBUS DP only) 4AI-VI Network DN = DeviceNet = PROFIBUS DP 4AI4AO-VI DP 2AI2AO-VI CO = CANopen 2AI-I 2AI-I 2AI-V 2AO-I 2AO-V 2AI-PT 2AI-TC 4AI-TC = Multiprotocol (EtherNet/IP[™], Modbus[®] TCP, PROFINET[®]) ΕN EC = EtherCat Number of IO Ports = 1 port = 2 ports 4IOL = 3 ports = 4 ports = 5 ports = 6 ports I/O Type Position #1 2RFID-A (PROFIBUS DP only) 4AI-VI 4AI4AO-VI 4AO-V 2AI2AO-VI 2AI-I 2AI-V 2AO-I 2AO-I 2AO-I 2AO-V 2AI-PT 2AI-TC 4AI-TC 1/O 1ype P 4DI-P 4DI-PD 8DI-P 8DI-N 8DI-PD 8XSG-PD 4DO-0.5A-P 4DO-2A-P 4DO-2A-N 4DO-0.5A-P 8DO-0.5A-P 8DO-0.5A-N 2RFID-S 4IOL = 8 ports 16 = 16 ports (only with M8 connectors) Type of I/O Connectors M8 = **picofast***(M8x1) M12 = **eurofast***(M12x1) Connector Modifier (Blank) = Standard Nickel Plated Brass W = Reverse Keyed, Nickel Plated Brass V = Stainless Steel **Housing Style** Auxilliary Power Connector
 S
 = Small Housing - One I/O slice, no Aux. Power

 M
 = Medium Housing - One I/O slice

 L
 = Large Housing - Two I/O slices
 (blank) = No Aux Power Connector T = Aux Power Present - Built in Tee H = High Power Turck Block Part Number Key ΤВ EN - L4 - 8 DIP - 8 DIP Type of IO Turck Block
 DIP
 = PNP Digital Input

 DOP
 = PNP Digital Output

 DXP
 = Configurable PNP Input or Output

 DIN
 = NPN Digital Input
 Network EN = Etherne DP = Profibu net (EtherNet/IP, Modbus/TCP, Profinet = Profibus = ProfiSafe, Profinet (Safety Module) = CIP Saftey, Ethernet/IP (Safety Module) = IO-Link Slave DON = NPN Digital Output DXN = Configurable NPN Input or Output AI = Analog Input AO = Analog Output Power and I/O Connector Type = 7/8" (4 pin) power with M12 (5 pin) I/O = 7/8" (5 pin) power with M12 (5 pin) I/O = 7/8" (5 pin) power with M12 (5 pin) I/O = M8 (4 pin) power with M12 (5 pin) I/O = M8 (4 pin) power with M12 (8 pin) I/O = M12 (5 pin) I/O (Reserved for IO-Link Slave) = 7/8" (5 pin) power (ProfiSafe Module Only) Number of Input Points = 2 points of IO = 4 points of IO = 8 points of IO = 16 points of IO S3 M1 L1 16 Type of IO
 Iype of IO

 DIP
 = PNP Digital Input

 DOP
 = PNP Digital Output

 DXP
 = Configurable PNP input or Output

 DIN
 = NPN Digital Input

 DON
 = NPN Digital Output

 DXN
 = Configurable NPN input or Output

 DXN
 = Configurable NPN input or Output

 IOL
 = IO-Link Master

 AI
 = Analog Input

 AO
 = Analog Output

 RFID
 = Radio Frequency Identification

 COM
 S erial Ports (R5485 or R5232)

 EN1
 = Ethernet Spanner

 FDIO1
 = Functional Safety Digital Inputs/Output

 PLC
 = Turck PLC
 Number of IO Points (Blank) = Reserved for EN1, FDIO1 & PLO = 2 points of IO = 4 points of IO = 8 points of IO = 16 points of IO 8 16 Ethernet, PROFIBUS® DP AIM Part Number Key

EN - IOM 8 8 -F 0001 DN Subnet Type Fixed I/O Station DN =DeviceNet Master Diagnostic Type L = Standard Diagnostics; Group Diagnostics X = Deluxe Diagnostics; Per Port Input Diagnostics, Per Point Output Diagnostics G = Deluxe Diagnostics; Per Port Input Diagnostics, Per Point Output Diagnostics, 2 Amp outputs, Multiprotocol Modbus, PROFINET*, EtherNet/IP* Ethernet Type Indicator (X Diag. type) MB = Modbus TCP/IP™ PG =Programmable, EtherNet/IP™ EN =EtherNet/IP™ PN =Profinet Generic Identifier Network Refer to documentation for specifics EN DP =Ethernet =Profibus ® DP Number of Output Points 16 =16 Output Points 8 =8 Output Points XSG =Configurable Input or Output Points =Static Input and Output Points Number of Input Points =Input Only =8 Input Points =20 Input Points 20 =Output Only =12 Input Points =24 Input Points 12 16 24 32

=16 Input Points

2CNT-2PWM = High Speed Counter and PWM outputs

= 24 Volts - Direct Current 24VDC = 24 Volts 120/230VAC = 120 or 230 Volts - Alternating Current

BL20 Bases Part Number Key



- = Single Module
- B = Block Mourie P = Power Module

Number of Terminal Rows

- = 3 Rows
- = 4 Rows = 6 Rows

Note: Available combinations:

- = Signal, Power, Power SBB
- = Signal, Power, Power, C-Rail Term. SBBC
- SBBS = Signal, Power, Power, Signal
- = Signal, Power, Power, Signal, Power, Power SBBSBB

Unique Identifier

= Power Base that only feeds power to the right CJ = Cold Junction - For use with Thermocouple slice

Type of Terminal (see note for available combinations)

- = Signal Termina
- B = Power/Signal Terminal C = C-Rail Terminal

Connection Technology

T = Tension Clamp S = Screw Terminal

(blank)

BL 20 - S 6 T - S..

SBC

SBCS

- = Signal, Power, C-Rail Term
- = Signal, Power, C-Rail Term., Signal
- SBCSBC = Signal, Power, C-Rail Term., Signal, Power, C-Rail Term.

IO Type

Ρ Pin 5

CPG CSG

XSG

Pin 5

01

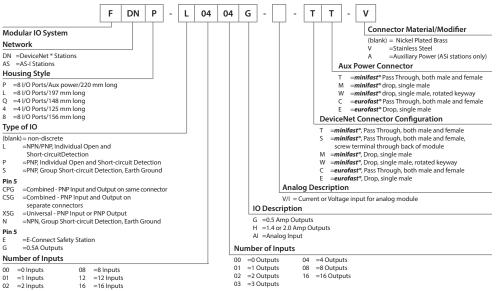
02

04

Ν

- IOM
- IM
- OM

DeviceNet[™], AS-I[®] AIM Station Part Number Key



- =0 Inputs 08 =8 Inputs 00 =1 Inputs 12 =12 Inputs 16 =16 Inputs
 - =2 Inputs =4 Inputs

=32 Input Points