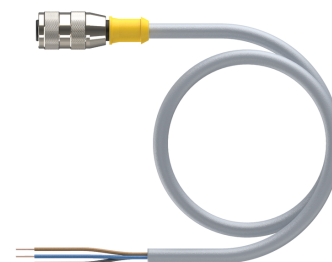
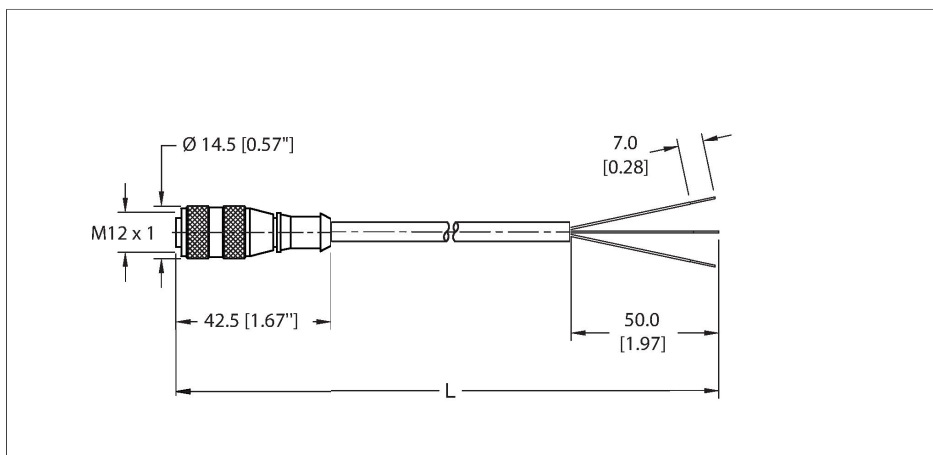


RK 4T-x/S829

Actuator and Sensor Cable – Connection Cable



Technische Daten

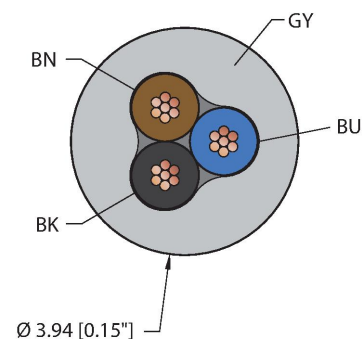
Type	RK 4T-x/S829
ID	777003095
Connector A	Female, M12 × 1, Straight, A-code
Design specification	Acc. to IEC 61076-2-101
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Connector seal	O-ring, Plastic, FKM/FPM
Tightening torque (range)	0.8 ... 1 Nm (note max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68, IP69K
	NEMA: 1, 3, 4, 6P
Cable data	
Total number of conductors	3
Cable diameter	Ø 3.94 mm
Cable jacket	PVC, Gray
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	3 x 20 AWG [Similar to 0.50 mm²]
Number of strands x O.D.	7 x 28 AWG
Conductor colors	BN, BU, BK

Features



- M12, Female, Straight, 3-pin
- General Purpose Cable
- Gray PVC jacket, 3X20 AWG
- Flame Ratings: UL 1666

Cable cross section



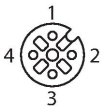
Contact assignment

Technische Daten

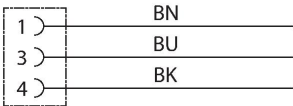
Electrical properties at +20 °C	
Rated voltage	250 V
Current	4 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
Ambient temperature range (static)	75 °C
Ambient temperature range (dynamic)	75 °C
Temperature range (installation)	75 °C
Approval	
Approvals	UL 2238 CSA C22.2 No. 182.3 CE UKCA RoHS
Note	

- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.
- We reserve the right to make technical alterations without prior notice.

Connector A



Circuit Diagram



Montagezubehör

TORQUE-WRENCH-SET-M12-LEGACY

A900153

TORQUE DRIVER
128.0 (5.04)
146.1 (5.75)
1/4" DRIVER
146.0 (5.75)
TORQUE SETTING TOOL
(mm (inch))
SCREWDRIVER M12 FITTING

Adjustable torque driver to connect to a Ø15mm knurl. Compatible with the redesigned and legacy M12 cordsets. Includes (1) adjustable torque driver, (1) adjustment tool, (1) 1/4"square to 4mm hex adaptor bit, and (1) Ø15mm spring loaded clamp bit

Montagezubehör

M12-CORDSETS-MOUNTING-CLIP-(10/BAG)

100016882

Ø 14
Ø 1.4
22.3
11.5
2.5
Ø 4.3
34
4
4
26

10 Pack of black mounting clips and M4x8mm mounting screws, used to secure cable to cable connection points.