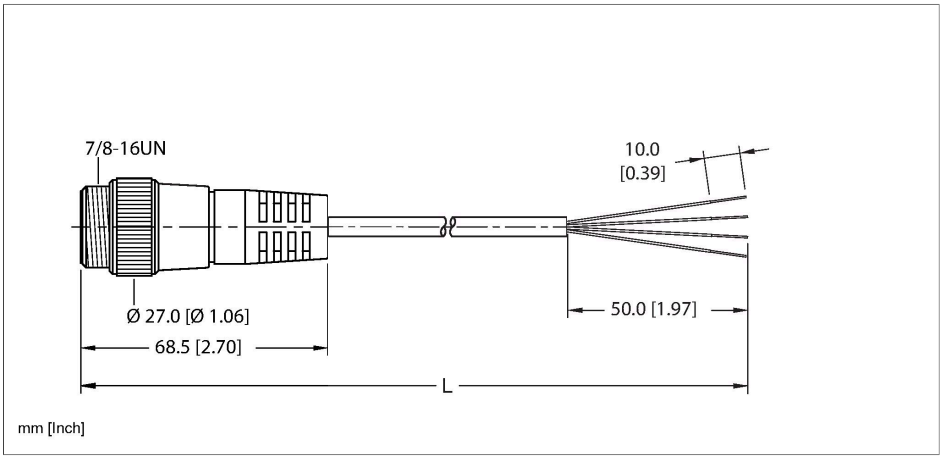
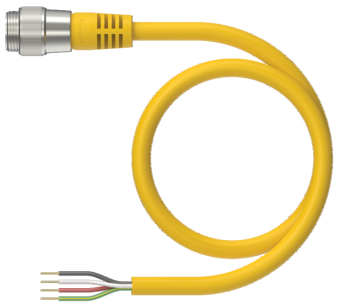
RSM 46-25M/S1587
Actuator and Sensor Cable – Connection Cable





Technische Daten

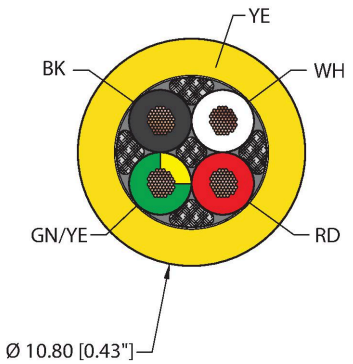
Type	RSM 46-25M/S1587
ID	100026525
Connector A	Male, 7/8"-16 UN, Straight
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque	2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Cable data	
Cable ID	RF51706
Total number of conductors	4
Cable diameter	Ø 10.8 mm
Length (L)	25 m, (+50mm or 4% of length/-0.0, Whichever is greater)
Cable jacket	TPE, Yellow
Conductor diameter	0.12 "
Conductor material	BC (bare copper)
Conductor insulation material	TPE
Conductor size	4 x 16 AWG [Similar to 1.50 mm²]
Number of strands x O.D.	65 x 34 AWG

Features

IP67/IP68
IP69/IP69K
DEGREE OF PROTECTION

- 7/8” Male, Straight, 4-pin
- Flexible Service Cable
- Yellow TPE jacket, 4X16 AWG
- Sunlight Resistant
- -50 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1100, CSA FT2

Cable cross section

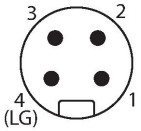


Contact assignment

Technische Daten

Conductor colors	BK, WH, RD, GN/YE
Electrical properties at +20 °C	
Rated voltage	600 V
Current	10 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
UL cold bend rating	-50 °C
Ambient temperature range (static)	-50…+105 °C
Ambient temperature range (dynamic)	5…+105 °C
Temperature range (installation)	-10…+105 °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

RSM 46-25M/S1587| 22-02-2025 00-40 | Technische Änderungen vorbehalten