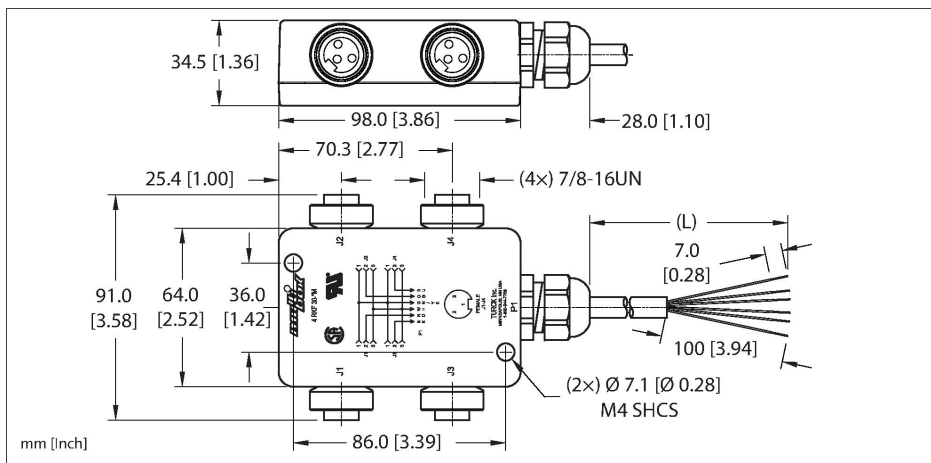


4 RKF 40-*M

Passive Actuator/Sensor Junction Box, 4 Ports – 7/8" minifast I/O Ports



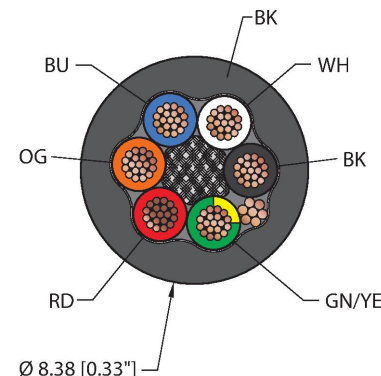
Technical data

Type	4 RKF 40-*M
ID	777001282
Distributed I/O	Junction box, 4 -port, with integral homerun cable
Housing	Aluminum, Powder coating, Black
I/O Port	Female, 7/8"-16 UN
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Housing material/finish	Brass, CuZn, Nickel-plated
Mechanical life	> 100 Mating cycles
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Homerun connector	Cable, Side exit
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Mechanical life	> 100 Mating cycles
Cable data	
Cable ID	RF50551
Total number of conductors	6
Cable diameter	Ø 8.38 mm
Cable jacket	PVC, Black
Shielding	Aluminum/Polyester Shield (Foil In)

Features

- 7/8" minifast Junction Box
- 4 ports
- Aluminum housing
- I/O port: 4-pin
- Instrumentation Tray Cable
- Black PVC jacket, shielded, 6X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4

Cable cross section

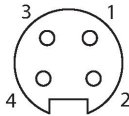


Contact assignment

Technical data

	20 AWG Tinned Copper Drain Wire
Conductor diameter	0.076 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	6 x 18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19 x 0.0092 "
Conductor colors	BU, WH, BK, GN/YE, RD, OG
Electrical properties at +20 °C	
Rated voltage	250 V _{AC} /300 V _{DC}
Current	4 A per signal contact, total current 9 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
UL cold bend rating	-40 °C
Ambient temperature range (static)	-30...+80 °C
Temperature range (installation)	-10...+105 °C
Approval	
Approvals	CSA UL
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.	

I/O Connector



Circuit Diagram

