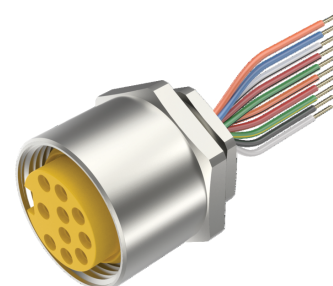
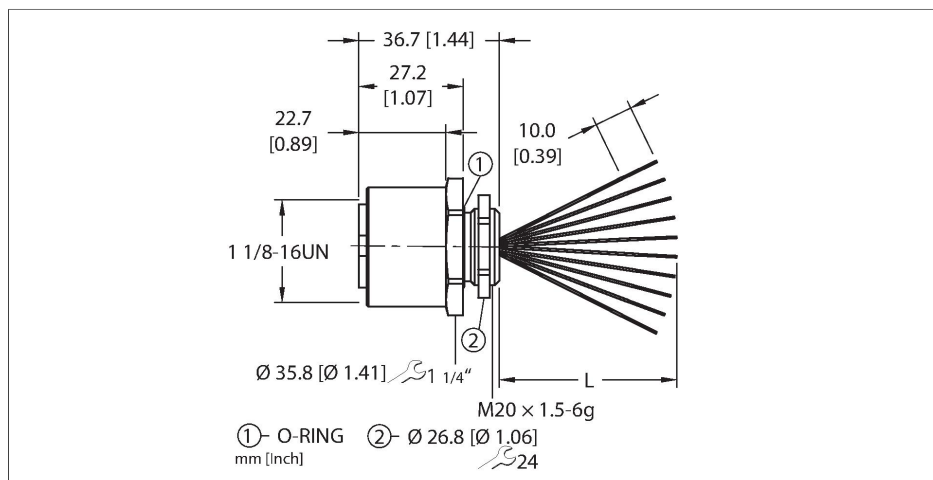


RKF 106-xM/M20

Actuator and Sensor Receptacle – Front Mount



Technische Daten

Type	RKF 106-xM/M20
ID	777012214
Connector A	Female, 1 1/8"-16 UN
Number of contacts	10
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Housing material/finish	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.8 ... 2 Nm (note max. torque of mating connector!)
Mounting orientation	Front mount
Panel seal	O-ring, Plastic, NBR
Mounting thread	M20 x 1.5
Locknut	Brass, CuZn, Nickel-plated
Receptacle mounting torque	3.5...10.2 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67, IP68, IP69, IP69K
	NEMA: 1, 3, 4, 6P, 12
Total number of conductors	10
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	16 AWG [Similar to 1.50 mm²]
Conductor colors	OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN/YE, BK, WH

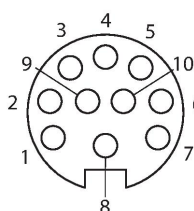
Features



- Female 1 1/8" minifast Receptacle, 10 pin
- Mounting thread: M20 x 1.5

Contact assignment

Connector A



Circuit Diagram

1	OG
2	BU
3	WH/BK
4	RD/BK
5	GN/BK
6	OG/BK
7	RD
8	GN/YE
9	BK
10	WH

Technische Daten

Electrical properties at +20 °C

Rated voltage 600 V

Current 7 A

Mechanical and chemical properties

Ambient temperature range (static) -40...+105 °C

Approvals
CE
RoHS
UL Listed

Note

- We reserve the right to make technical alterations without prior notice.

Front panel mounting

