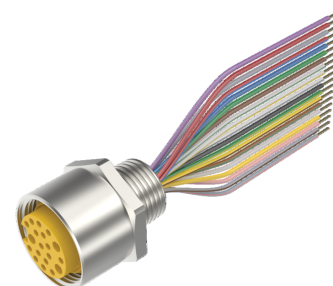
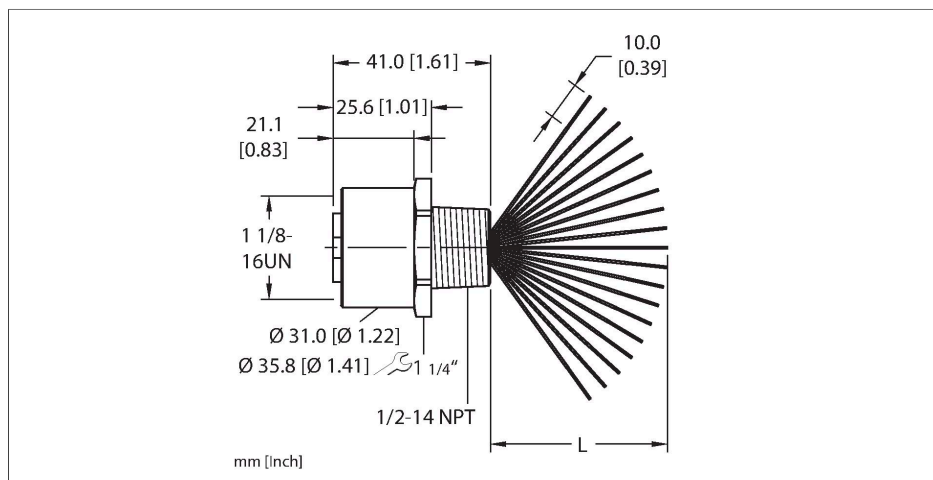


RKF 190-xM/14.5/NPT

Actuator and Sensor Receptacle – Front Mount



Technische Daten

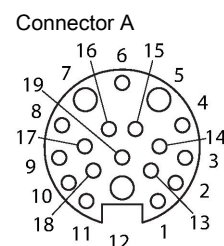
Type	RKF 190-xM/14.5/NPT
ID	777021784
Connector A	Female, 1 1/8"-16 UN
Number of contacts	19
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Yellow
Housing material/finish	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.8 ... 2 Nm (note max. torque of mating connector!)
Mounting orientation	Front mount
Mounting thread	1/2"-14 NPT
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	19
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	16 AWG [Similar to 1.50 mm²]
Conductor colors	VT, RD, GY, RD/BU, BU, GN, BN, WH/ GN, WH/YE, WH/GY, BK, GN/YE, YE/ BN, BN/GN, WH, YE, PK, GY/BN, GY/PK
Electrical properties at +20 °C	
Rated voltage	300 V

Features



- Female 1 1/8" minifast Receptacle, 19 pin
- Mounting thread: 1/2"-14 NPT

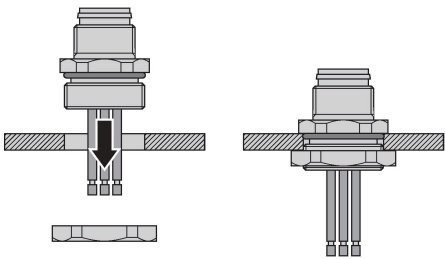
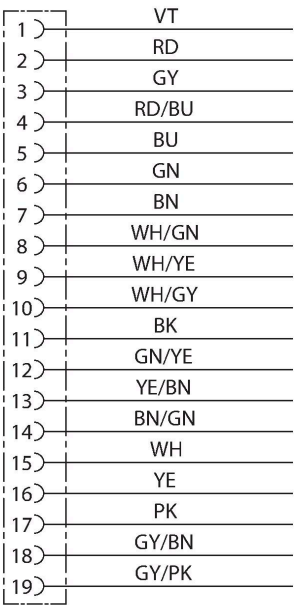
Contact assignment



Technische Daten

Current	4 A (Contacts 5,7,12) / 2 A (All other con- tacts)
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.	

Circuit Diagram



RKF 190-xM/14.5/NPT | 22-02-2025 02-53 | Technische Änderungen vorbehalten