

Class I, Division 2 Hazardous Area Sensors

TURCK 3-wire DC proximity sensors without code AN6., AP6., RN6., or RP6. with threaded barrels are approved by FM Approvals for installation in Class I, Division 2 hazardous locations. The sensors must be installed using a Division 2 wiring method, which, for all practical purposes, means that the sensor must be either installed in an enclosure that requires the use of a tool to open, or they must be adapted to a raceway or conduit product. **TURCK** TMF conduit adapters or other suitable thread adapters may be used for this purpose.



Conduit Adapters

When installed in this fashion and powered from a supply not exceeding 30 VDC, there are no further energy limiting or protective enclosure requirements for installation in Class I, Division 2. The sensors have no arcing or sparking components and will not dissipate heat under normal operating conditions.

Part Number	ID Number	Barrel Diameter	Dimensions					
			A	B	C	D	E	F
TMF 12-G	A3310	12 mm	1.15 [29.2]	1.00 [25.4]	1.00 [25.4]	0.50 [12.7]	0.50 [12.7]	M12x1
TMF 18-G	A3320	18 mm	1.15 [29.2]	1.00 [25.4]	1.00 [25.4]	0.50 [12.7]	0.50 [12.7]	M18x1
TMF 30-G	A3345	30 mm	1.73 [44.0]	1.50 [38.1]	1.00 [25.4]	0.60 [15.2]	0.40 [10.2]	M30x1.5
Use above Conduit Adapters with G and P Barrel sensors.								
TMF 18-MS	A3330	18 mm	1.15 [29.2]	1.00 [25.4]	2.00 [50.8]	1.50 [38.1]	0.50 [12.7]	M18x1
TMF 30-MS	A3355	30 mm	1.73 [44.0]	1.50 [38.1]	2.00 [50.8]	0.60 [15.2]	1.40 [35.6]	M30x1.5

Use above Conduit Adapters with M and S Barrel sensors.

Material: Aluminum
Inches [mm]

