

# Cylindrical sensors for use with fiber optics

Metric housing has the advantage of being simple and quick to install. The sensors are supplied in M18 or M30 housing. The fiber optics are connected and secured with a coupling ring to provide a perfect connection and utmost tensile strength. Together with a robust housing and wear-resistant fiber-optic casing, cylindrical sensors provide a perfect solution for harsh surroundings whose cramped conditions require the use of fiber optics.



- Scanning range (proximity switches)  
0-800 mm (depending on fiber optic used)
- Operating range (retro-reflective sensors)  
0-4800 mm (depending on fiber optic used)
- Robust metal housing
- Exclusive OR signal output
- Reversible N.O./N.C.
- Available in different lengths
- Different casings for fiber optics
- Fiber optics for temperatures up to 180 °C

Product	Max. scanning range (dep. on fiber optic)	Max. working range (dep. on fiber optic)	Switching frequency	Output		Switching		Connection		Size
				NPN	PNP	N.C.	N.O.	plug	cable	
FMS 18-U	160	700	5,000 Hz	●	●	●	●	●	●	M18 x 1 x 79
FMS 30-U	800	4800	5,000 Hz	●	●	●	●	●	●	M30 x 1 x 79

Our comprehensive range of suitable fiber optics is listed in our catalogue "Optical Sensors"