





Cylindrical sensors

With an external diameter from 4 to 30 mm and the most varied functions, our cylindrical sensors meet user requirements above all in those cases where cubic and rectangular shapes prove to be unsuitable. All principles of function and types of light are available.

- Robust, nickel-plated brass housing
- Reliable pot setting
- Simple installation due to drilling of core holes
- Axial or radial light emission



Product	Function	Range	Switching frequency	Red light	PNP	NPN	N.O.	N.C.	Plug	Cable
FM 04/05	Proximity switch	50 mm	200 Hz		•	•	•		•	•
FMS 12	Proximity switch	200 mm	200 Hz		•	•	•	•	•	•
FT 12 R	Proximity switch	300 mm	1000 Hz	•	•	•	•	•	•	•
FMS 18 B	Proximity switch	400 mm	1000 Hz		•	•	•		•	•
FT 18 R	Proximity switch	600 mm	1000 Hz	•	•	•	•	•	•	•
FMS 30 B	Proximity switch	1000 mm	1000 Hz		•	•	•		•	•
FT 12 RF	Proximity switch with background suppression	23 mm	1000 Hz	•	•		•		•	
FT 12 RH	 Proximity switch with background suppression	60 mm	1000 Hz	•	•		•	•	•	
FMH 18	Proximity switch with background suppression	120 mm	600 Hz	•	•		•	•	•	•
FR 12 R	Retro-reflective sensor	1.5 m	1000 Hz	•	•	•	•		•	•
FS/FE 12 RL	 Through-beam sensor for detection of small parts	5 m	10,000 Hz	•	•	•	•		•	
FS/FE 18 RL	 Through-beam sensor for detection of small parts	50 m	10,000 Hz	•	•	•	•		•	
FR 18 R	Retro-reflective sensor	2 m	1000 Hz	•	•	•	•		•	•
FS/FE 12 R	Through-beam sensor	4 m	1000 Hz	•	•	•	•		•	•
FS/FE 18 R	Through-beam sensor	6 m	1000 Hz	•	•	•	•		•	•
FLS/FLE 18	 Through-beam sensor	50 m	6000 Hz	•	•		•	•	•	•