F 20 Miniature series

The David amongst the Goliaths: it covers all requirements of optical sensor technology in cramped spaces whilst offering highly-accurate detection and ease of use. For example the FT 20 RLH version, one of the smallest laser proximity switches with teach-in mode in the world, with background suppression.

- Fast and reliable settings with teach-in
- Tamper-proof due to locking function
- Visible red light (LED) for simple adjustment
- Switching frequency up to 4 kHz for fast sequence of operations
- Adjustment via control input with inaccessible installations
- Dynamic adjustment during running operational process
- Further models: Fiber-optic amplifiers, contrast and analogue sensors
- Laser versions

H 32 x W 12 x D 20 mm

Product	Function	Range	Switching frequency	Red light	PNP	NPN	N.O.	N.C.	Connector	Cable
FT 20 R	Proximity switch	300 mm	1000 Hz	•	•	•	•	•	•	•
FT 20 RL	Contrast sensor	150 mm	4000 Hz	•	•	•	•	•	•	•
FT 20 RLH	Proximity switch with background suppression	60 mm	1000 Hz	•	•	•	•	•	•	•
FT 20 RLHD	Proximity switch with background suppression	110 mm	1000 Hz	•	•	•	•	•	•	•
FT 20 RH	Proximity switch with background suppression	100 mm	1000 Hz	•	•	•	•	•	•	•
FT 20 IH	Proximity switch with background suppression	150 mm	800 Hz		•	•	•	•	•	•
FR 20 R	Retro-reflective sensor	2.5 m	1000 Hz	•	•	•	•	•	•	•
FR 20 RL	Retro-reflective sensor	1 m	4000 Hz	•	•	•	•	•	•	•
FR 20 RG I	Sensor for glass detection (Autocollimation)	0.5 m	1000 Hz	•	•	•	•	•	•	•
FR 20 RD	Retro-reflective sensor, extended range	3.5 m	1000 Hz	•	•	•	•	•	•	•
FS/FE 20 R	Through-beam sensor	6 m	500 Hz	•	•	•	•	•	•	•