

Time-of-Flight (ToF) Sensors for Intralogistics

FT 25-RLHP, FT 25-RLAP, FT 55-RLHP, FT 55-RLAP & FR 55-RLAP



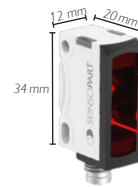
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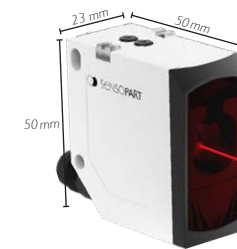
Miniature Housing (F25):

- Long scanning range—up to **1.5 meters**
- Compact design ideal for tight installation spaces
- Reliable detection on nearly all surface types
- Easy to align thanks to a clearly visible light spot (Laser Class 1)
- Flexible configuration via IO-Link



Compact Housing (F55):

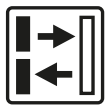
- Stable, precise distance measurement up to **5 meters**
- High millimeter-level accuracy
- Easy switching point setup via button, control input, or IO-Link
- Safe operation with Class 1 laser



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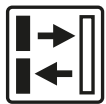
FT 25-RLHP



FT 25-RLAP



FT 55-RLHP



FT 55-RLAP



FR 55-RLAP



Scanning Range	Adjustment Range	Hysteresis	Repeatability	Linearity	Temperature Range
0...1.5 m	0.1...1.5 m	≥ 4 mm			-20 ... +50 °C
0...1.5 m	0.1...1.5 m	≥ 4 mm	≥ 2 mm	± 15 mm	-20 ... +50 °C
0...5 m	0.1...5 m	20 mm			-40 ... +60 °C
	0.1...5 m	20 mm	≥ 7 mm	± 15 mm	-40 ... +60 °C
0.3...70 m	0.3...70 m	60 mm	≥ 6 mm	≥ 50 mm	-30 ... +60 °C

