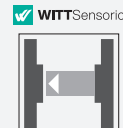




Thru-beam sensor ARGOS25-20M-LR-SET

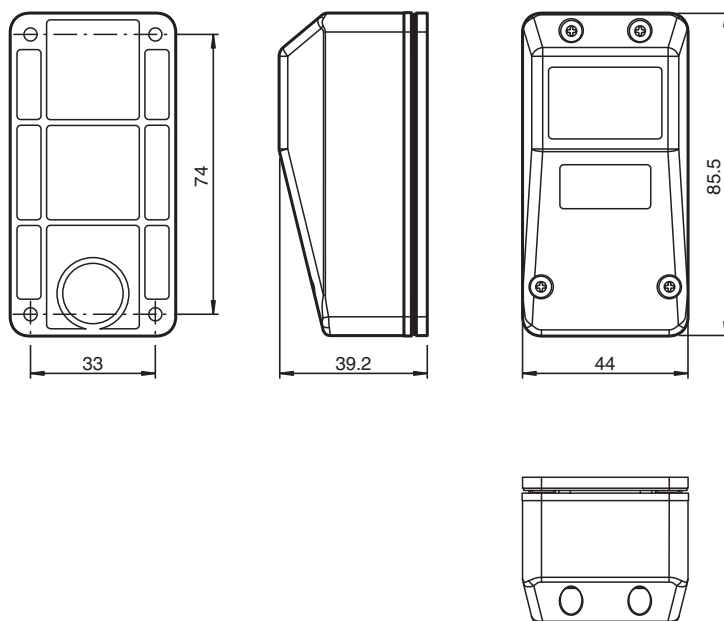


- Photoelectric sensor for detecting people, objects and vehicles
- Indicator LED on the front
- Relay output
- Version with accessories in scope of delivery
- 2 channels
- Double mounting possible
- Protected against mutual interference (no cross-talk)

Basic light barrier for detecting people, objects, and vehicles



Dimensions



Technical Data

System components

Emitter	ARGOS25-T
Receiver	ARGOS25-R

General specifications

Effective detection range	1.5 ... 20 m
Threshold detection range	28 m
Number of protective field beams	1
Light source	IRED
Light type	modulated infrared light 950 nm
Marking	CE

Release date: 2024-06-27 Date of issue: 2024-06-27 Filename: 64316407_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

Diameter of the light spot		approx. 7.3 m at a distance of 20 m
Opening angle		20 °
Optical face		frontal
Ambient light limit		100000 Lux
Indicators/operating means		
Operation indicator		emitter LED yellow: Power on
Function indicator		Receiver: LED red: lit when the light beam is interrupted LED yellow: lights up when light beam is free
Stability alarm indicator		Receiver: flashing (approx. 4 Hz)
Electrical specifications		
Operating voltage	U _B	24 V AC ± 25 % 10 ... 40 V DC
Operating current	I _B	Emitter: ≤ 25 mA Receiver: ≤ 30 mA
Power consumption	P ₀	Emitter: ≤ 1 VA Receiver: ≤ 1.2 VA
Output		
Output type		relay, change-over contact
Switching type		light-on
Switching voltage		max. 250 V AC/DC
Switching current		max. 3 A
Energized/De-energized delay		typ. 100 ms
Response time		< 100 ms
Conformity		
Product standard		EN 61000-6-2, EN 61000-6-3
Ambient conditions		
Ambient temperature		-25 ... 60 °C (-13 ... 140 °F)
Storage temperature		-35 ... 80 °C (-31 ... 176 °F)
Mechanical specifications		
Degree of protection		IP65 according to EN 60529
Connection		screw terminals for max. 1.5 mm ²
Material		
Housing		ABS GF15
Mass		approx. 60 g
Dimensions		
Height		86 mm
Width		44 mm
Depth		39 mm

Connection

