

- For separate optical cable and optics
- Optical fiber cable and optic up to 290 °C ambient temperature
- Switching outputs PNP normally open + normally closed
- Alarm function pollution
- Terminal chamber



Product Characteristics

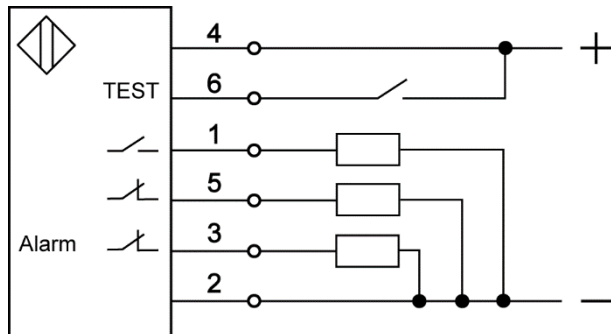
Type	LRD 600.38 GV
Connection	Art.-No.
Terminal chamber	5040A
Application	Material detection of cold and hot objects

Technical Data

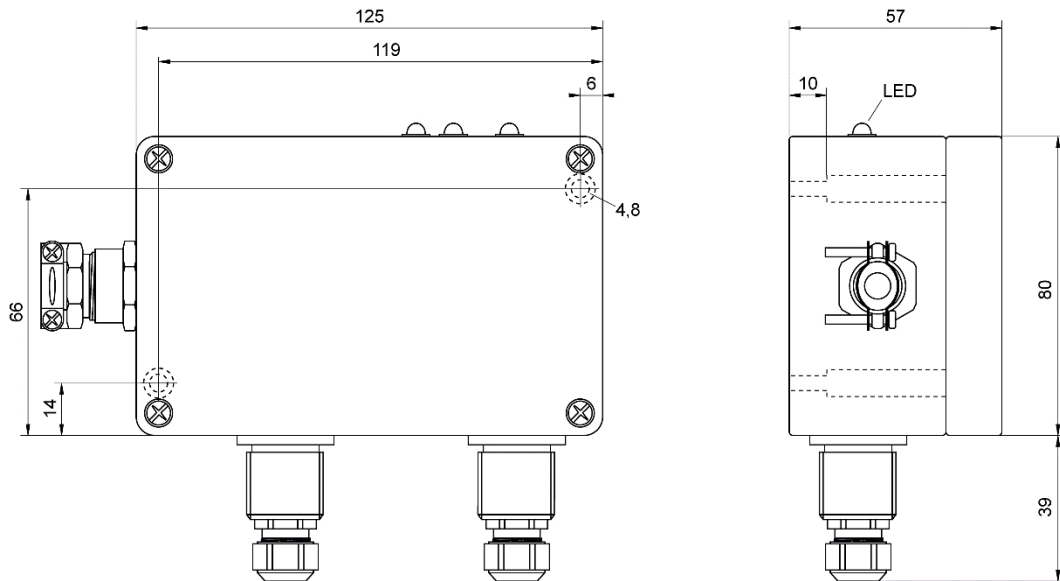
Function	Retro reflective light barrier
Range	35 m*
Operation range	25 m*
Light type	invisible infrared light
Alarm function	pollution
Adjustment aid	optical with LED
Supply voltage	12 - 55 V DC
Ripple	max. 15 %
Current consumption	< 40 mA
Test function	yes
Output 1 (closed by object detection)	PNP normally open
Output 5 (open by object detection)	PNP normally closed
Output 3 (open by pollution)	PNP normally closed
Continuous current	0 - 400 mA
Short-circuit protection	yes, pulsing
Voltage drop	< 2,5 V
Readiness delay	≤ 300 ms
Response time / switching frequency	≤ 0,5 ms / 1000 Hz
Ambient temperature	-25 ... +70 °C
Protection class	IP 67
Housing material	aluminium
Functional display	LED

* referred to the OR 03 reflector 100 x 100 mm

Connection



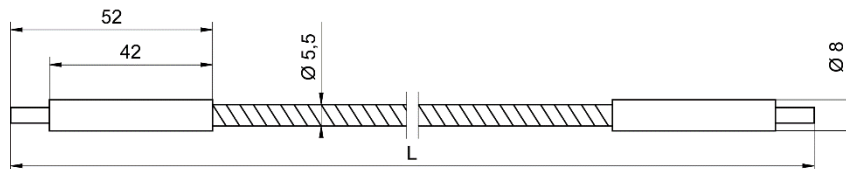
Dimension (mm)



Optical Fiber Cable (not in scope of supply)

	Type	Art.-No.
1 m optical fiber cable up to 290°C ambient temperature	LLK 1	6436C
2 m optical fiber cable up to 290°C ambient temperature	LLK 2	6436F
4 m optical fiber cable up to 290°C ambient temperature	LLK 4	6436I
5 m optical fiber cable up to 290°C ambient temperature	LLK 5	6436J
6 m optical fiber cable up to 290°C ambient temperature	LLK 6	6436M
8 m optical fiber cable up to 290°C ambient temperature	LLK 8	6436K
10 m optical fiber cable up to 290°C ambient temperature	LLK 10	6436L
12 m optical fiber cable up to 290°C ambient temperature	LLK 12	6436N
15 m optical fiber cable up to 290°C ambient temperature	LLK 15	6436Q
20 m optical fiber cable up to 290°C ambient temperature	LLK 20	6436P

Dimension Optical Fiber Cable (mm)

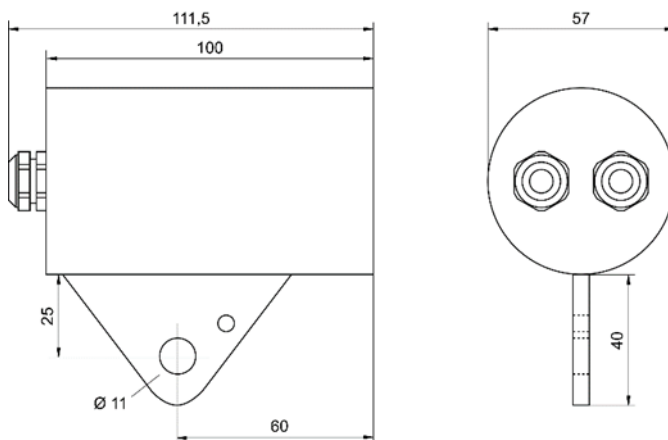


Optic for retroreflective sensor (not in scope of supply)

	Type	Art.-No.
Optic retroreflective sensor, up to 290°C ambient temperature	OADF 154	6039D
Holder for two optical fiber cable without optics, up to 600°C ambient temperature	OACF 672H	6037E

Dimension Optic (mm)

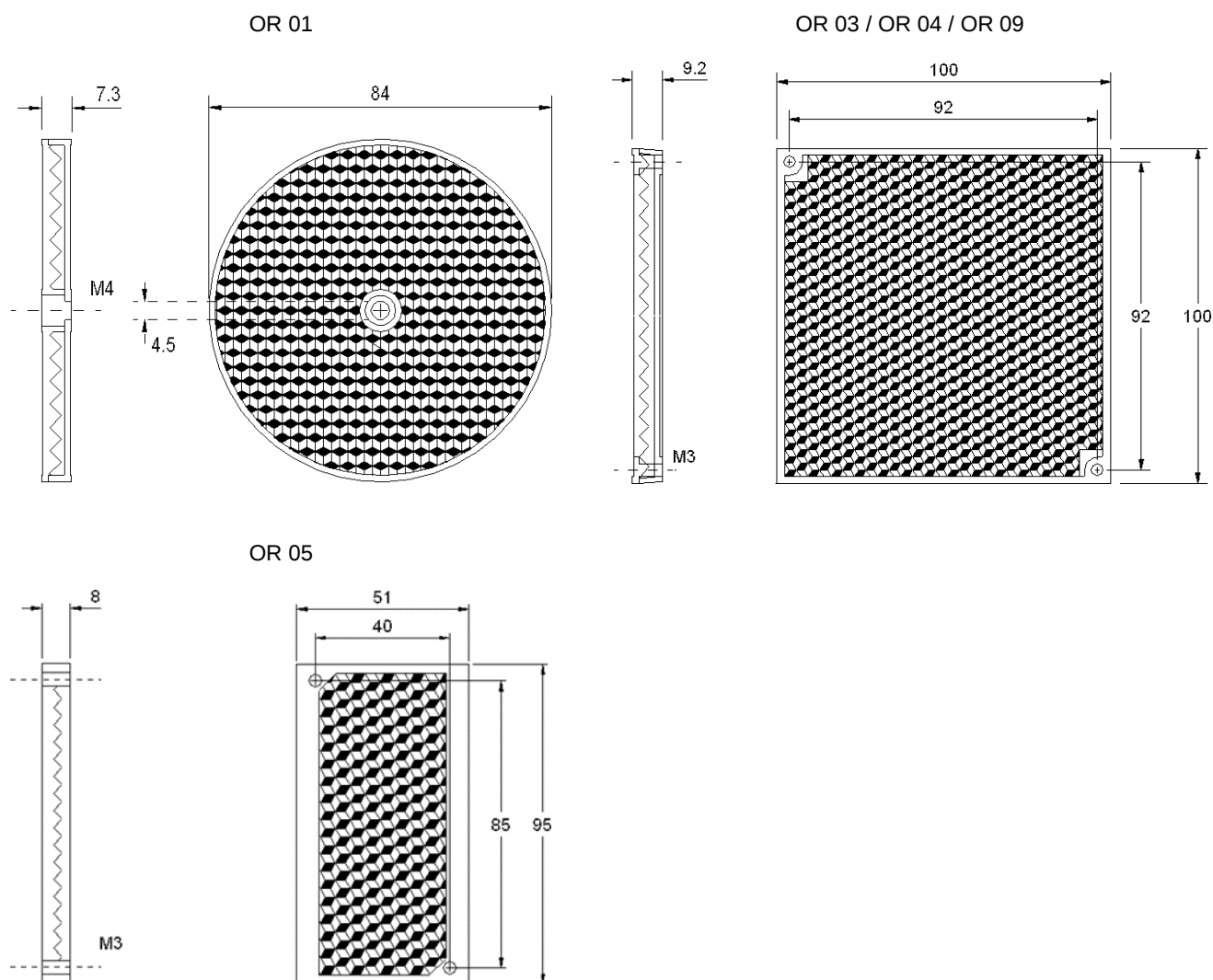
OADF 154



Reflectors for retroreflective sensor (not in scope of supply)

	Type	Art.-No.
Reflector plastic 84 mm round, up to 60°C ambient temperature	OR 01	9818C
Reflector plastic 100 x 100 mm, up to 60°C ambient temperature	OR 03	9818E
Reflector plastic 100 x 100 mm, up to 150°C ambient temperature	OR 04	9818F
Reflector plastic 100 x 100 mm, chemical resistant, up to 150°C ambient temperature	OR 09	9818L
Reflector glass 94 x 51 mm, up to 500°C ambient temperature	OR 05	9818I

Dimension Reflectors (mm)



Accessories (in scope of supply)

	Type	Art.-No.
-	-	-

Accessories (not in scope of supply)

	Type	Art.-No.
Swivel stand for optic OADF	HM 2	9816B
Swivel stand for holder OADF	HM 4	9816D
Mounting unit for reflectors	HM 6	9816F
Pilot light attachment for alignment	DAK 308	6913G
Adapter for Pilot light attachment for optic OADF	OL 26	9828H
Air purge attachment for optic OADF	OL 34	9828Q
Appropriate protective tube sets for light guides available		

Further information

	Document
Manual	BDA Reflex600 D E