

- 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



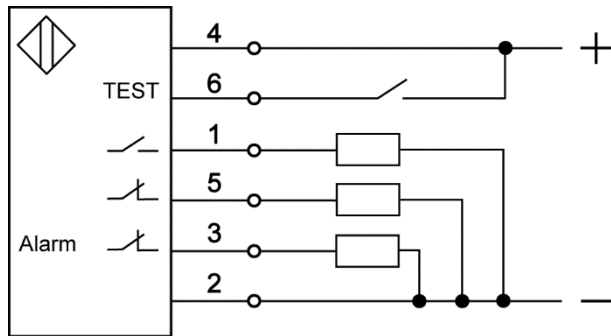
Product Characteristics

Type	LASD 600.38 GV
Connection	Art.-No.
Terminal chamber	5043A
Application	Material detection of cold and hot objects

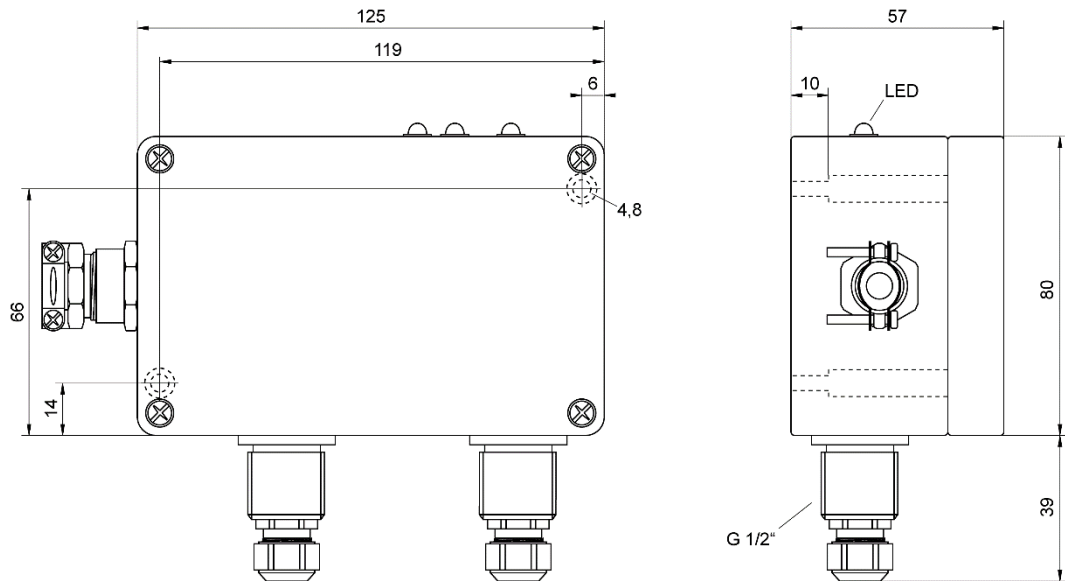
Technical Data

Function	Through-beam light barrier transmitter and receiver
Range	250 m
Operation range	200 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

Connection



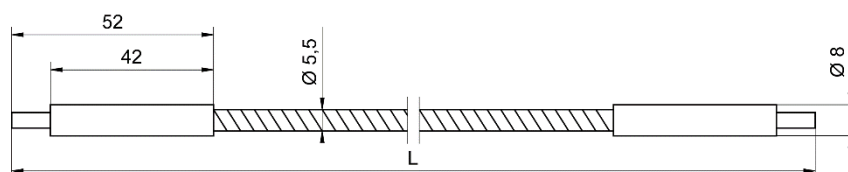
Dimension (mm)



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

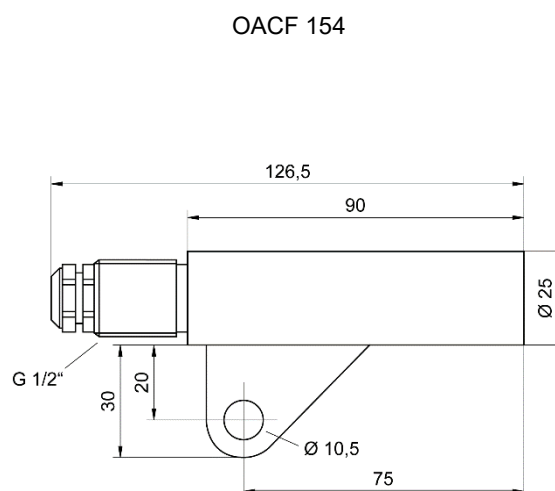
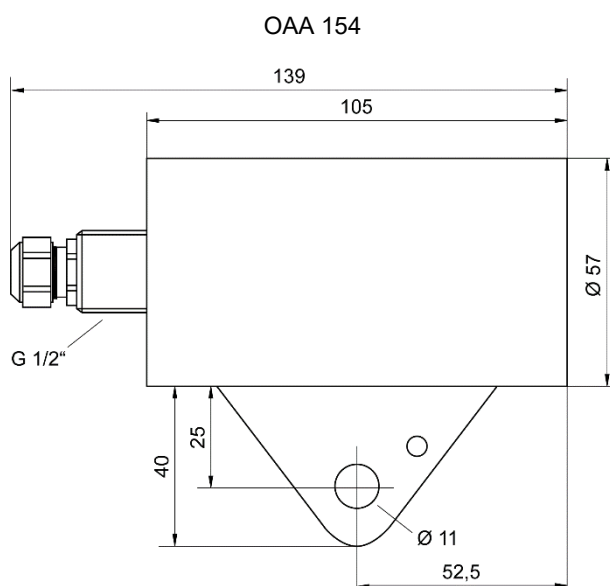
Dimension Optical Fiber Cable (mm)



Optic for through beam sensor (not in scope of supply)

	Type	Art.-No.
Optic big 1,5° viewing angle, up to 150°C ambient temperature	OAA 154	6049B
Optic big 1,5° viewing angle, up to 290°C ambient temperature	OAA 154H	6049A
Optic small 1,5° viewing angle, up to 290°C ambient temperature	OACF 154	6036O
Optic small 1,5° viewing angle, optical side up to 600°C ambient temperature	OACF 154H	6036R
Holder for optical fiber cable without optics, up to 290°C ambient temperature	OACF 671	6037H

Dimension Optic (mm)



Accessories (in scope of supply)

	Type	Art.-No.
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Accessories (not in scope of supply)

	Type	Art.-No.
Swivel stand for optic OAA	HM 2	9816B
Swivel stand for optic OACF	HM 4	9816D
Pilot light attachment for alignment	DAK 308	6913G
Adapter for Pilot light attachment for optic OAA	OL 26	9828H
Adapter for Pilot light attachment for optic OACF	OL 28	9828K
Tubus for optic OAA	OL 19	9828A
Air purge attachment for optic OAA, OADF	OL 34	9828Q
Tube for air purge attachment OL 34 with OAA	OL 36	9828S
Air purge attachment for optic OACF	OL 44	9829B
Appropriate protective tube sets for light guides available		

Further information

	Document
Manual	BDA Einweg600 D E