

Proxitron Through-Beam Light Barrier for fiber optic cables LLK LALS 600.2 S4 (Transmitter)

SENSORS MADE IN GERMANY

- For separate optical cable and optics
- Stainless steel housing M40
- Optical fiber cable and optic up to 290 °C ambient temperature
- Test function for simulation of object detection
- Plug S4 (M12 x 1A)



Product Characteristics

Type	LALS 600.2 S4
Connection	Art.-No.
Plug S4 (M12 x 1A)	5074A
Suitable receivers	LXSLS 600, LXAA 600, LXAB 600, LXAD 600
Application	Material detection of cold and hot objects

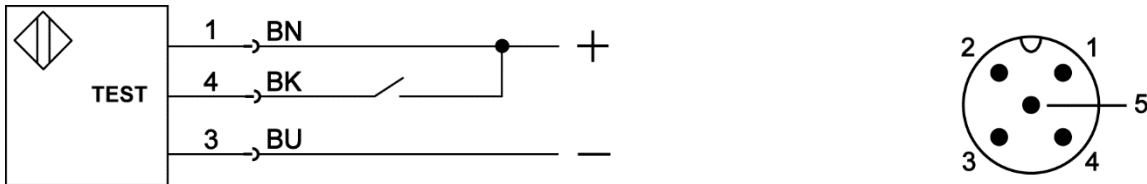
Technical Data

Function	Transmitter
Range adjustable	400 m with LSA/LSB 600, 250 m with LXSLs 600
Operation range adjustable	320 m with LSA/LSB 600, 200 m with LXSLs 600
Light type	invisible infrared light
Adjustable	no
Supply voltage	10 - 30 V DC
Ripple	max. 15 %
Test function	yes
Current consumption	< 20 mA
Ambient temperature	-25 ... +70 °C
Protection class	IP 67
Housing material	stainless steel
Functional display	LED

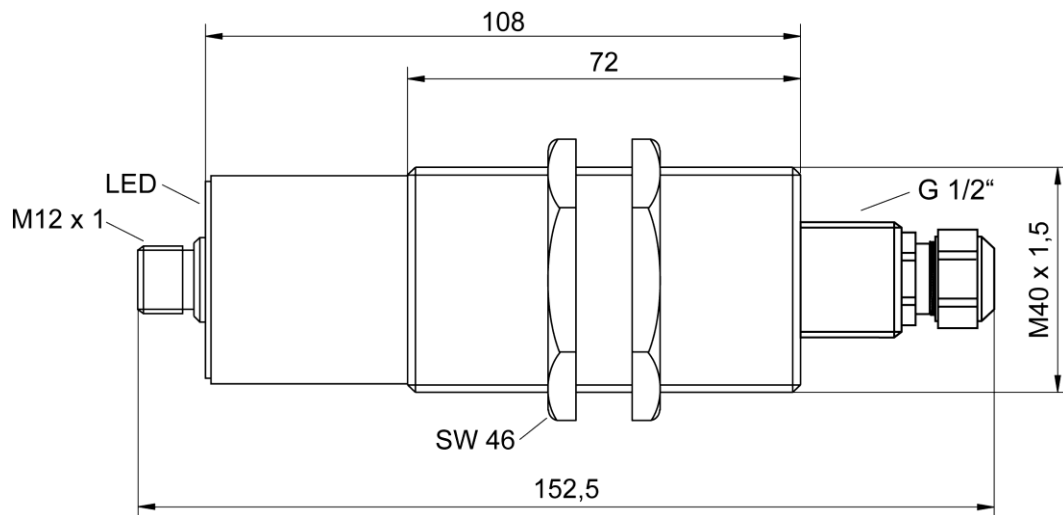
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Connection



Dimension (mm)



	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

Technical drawing of a shaft with the following dimensions: 52, 42, Ø 5.5, L, and Ø 8.

	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

OAA 154

139

105

G 1/2"

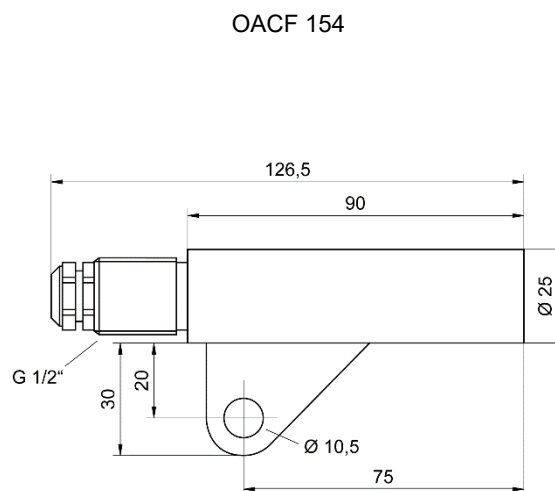
Ø 57

40

25

Ø 11

52,5



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Accessories (in scope of supply)

	Type	Art.-No.
SW 46 nut, M40 x 1.5, nickel-plated brass, 2 pieces	-	-

Accessories (not in scope of supply)

	Type	Art.-No.
Sensor		
Connection cable 2 m, 3 wire, with straight female plug S4 (M12 x 1 A)	ST043/3-2	9850I
Connection cable 5 m, 3 wire, with straight female plug S4 (M12 x 1 A)	ST043/3-5	9850X
Connection cable 10 m, 3 wire, with straight female plug S4 (M12 x 1 A)	ST043/3-10	9850Y
Mounting angle adjustable	DAK 305	6913E
Mounting angle fixed	DAK 304	6913D
Optics and fiber optic cables		
Swivel stand for optic OAA	HM 2	9816B
Swivel stand for optic OACF	HM 4	9816D
Pilot light attachment for adjustment	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	OL 34	9828Q
Tube for air purge attachment OL 34	OL 36	9828S
Air purge attachment for optic OACF	OL 44	9829B
Appropriate protective tube sets for light guides available		

Further information

	Document
Protection hoses	P46E
Manual	BDA_LXSL600_Einweg_D_E