

- Range 65 m, adjustable
- PNP normally open + PNP normally closed
- Alarm function pollution
- Optical adjustment aid and contamination indicator
- Plug S4 (M12 x 1A)
- G3/4" thread for protection hose connection



Product Characteristics

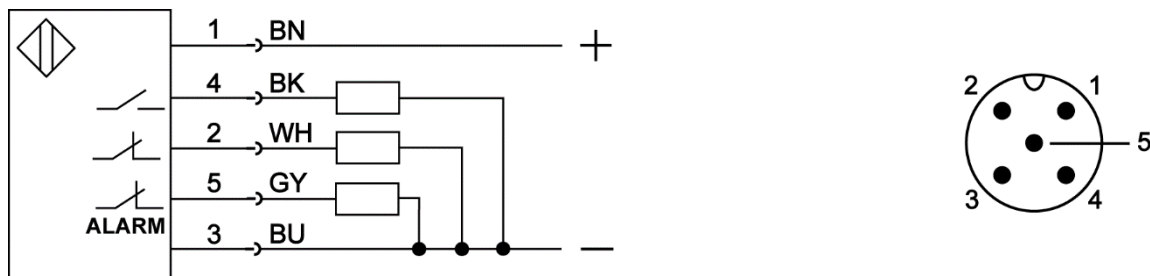
Type	LRA 600.3A GV S4
Connection	Art.-No.
Plug S4 (M12x1 A)	5039F
Application	Material detection of cold and hot objects

Technical Data

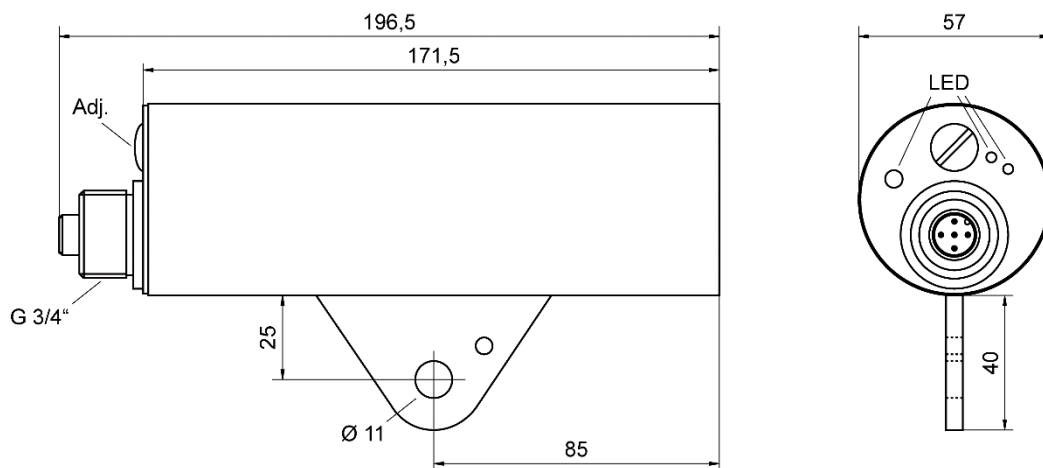
Function	Retroreflective sensor
Range max.	65 m*
Operation range	45 m*
Light type	invisible infrared light
Alarm function	pollution
Alignment aid	yes
Supply voltage	10 - 55 V DC
Ripple	max. 15 %
Current consumption	< 40 mA
Output 4 (BK) closed by object detection	PNP normally open
Output 2 (WH) open by object detection	PNP normally closed
Output 5 (GY) open at contamination	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	-20 to +70 °C
Protection class	IP 67
Housing material	stainless steel
Functional display	LED

* referred to the OR 03 reflector 100 x 100 mm

Connection



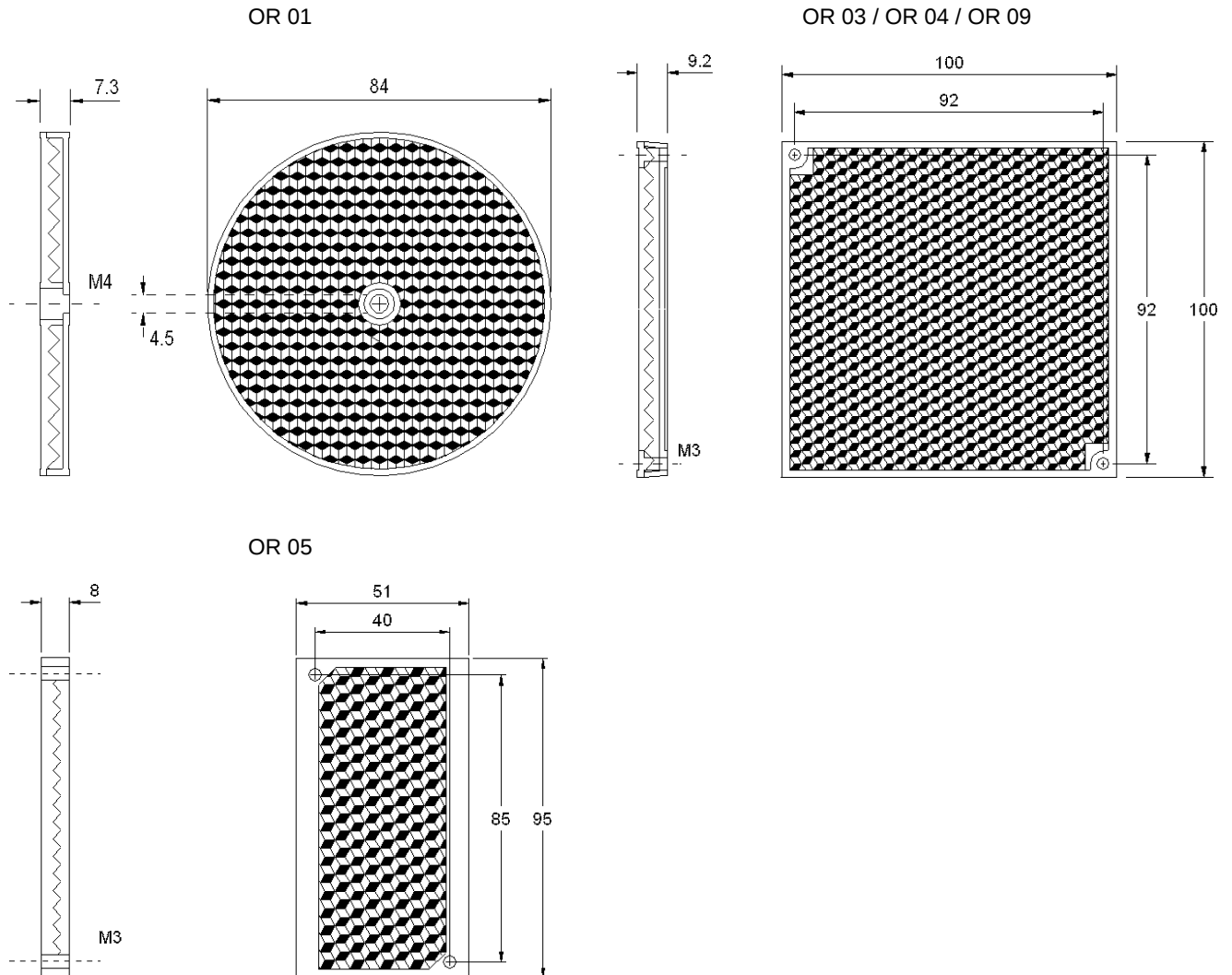
Dimension (mm)



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.
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Accessories (not in scope of supply)

	Type	Art.-No.
Connection cable 2 m, 5 wire, with straight female plug S4 (M12 x 1 A)	ST 043/5-2	9850C
Connection cable 5 m, 5 wire, with straight female plug S4 (M12 x 1 A)	ST 043/5-5	9850D
Connection cable 10 m, 5 wire, with straight female plug S4 (M12 x 1 A)	ST 043/5-10	9851U
Swivel stand	HM 2	9816B
Adapter 3/4" to M20 for protection hose connection (suitable protection hoses available)	HG 2	9855B
Pilot light attachment for adjustment	DAK 308	6913G
Adapter for Pilot light attachment DAK 308	OL 26	9828H
Air purge attachment	OL 34	9828Q
Protection tube 100 mm for air purge attachment OL 34	OL 37	9828T
Mounting bracket for reflectors for mounting on HM 2 or HM 4	HM 6	9816F

Further information

	Document
Protection hoses	P46e
Manual	BDA_Reflex600_D_E