

- Range 750 m
- Stainless steel housing M40
- 3 switching outputs (can be parameterized)
- On and off delay
- Alarm function pollution, overtemperature
- Alignment aid with LED
- Parameterization with RS 485 + Software
- Modbus RTU
- Plug S8 (M12 x 1 A)



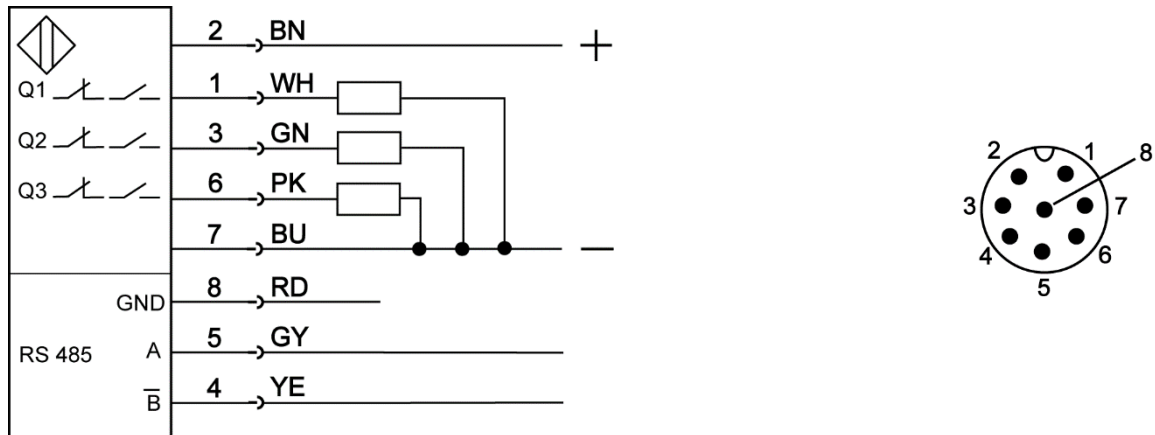
Product Characteristics

Type	LLXSS 600.2A GV S8
Connection	Art.-No.
Plug S8 (M12x1 A)	5071A
Suitable transmitter	LLAS 600, LLAA 600, LLAB 600
Application	Material detection of cold and hot objects

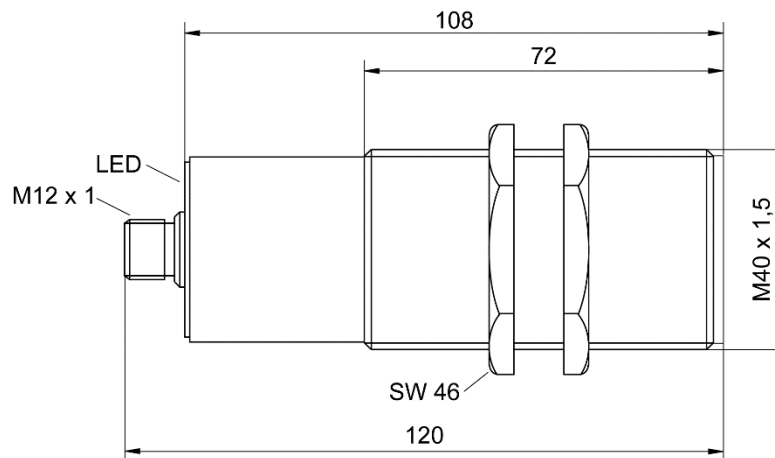
Technical Data

Function	Receiver
Range max.	750 m
Operation range	500 m
Light type	LASER (green 520 nm), class 2
Software functions	configuration of switching outputs, on/off delay, alarm function, status display, teach-in, internal temperature
Alarm function	pollution, overtemperature
Alignment aid	optical with LED at the back side, software
Supply voltage	10 - 30 V DC
Ripple	max. 15 %
Current consumption	< 20 mA
Digital communication	RS-485 MODBUS RTU
Output 1 (object / overtemperature)	PNP normally open / normally closed (can be parameterized)
Output 2 (object / overtemperature)	PNP normally open / normally closed (can be parameterized)
Output 3 (object / overtemperature / pollution)	PNP normally open / normally closed (can be parameterized)
On / off delay adjustable	0 – 60000 ms
Continuous current	0 - 200 mA
Short-circuit protection	yes, pulsing
Voltage drop	< 2,5 V
Readiness delay	≤ 50 ms
Response time / switching frequency	≤ 0,5 ms / 1000 Hz
Ambient temperature	-25 to +70 °C
Protection class	IP 67
Housing material	stainless steel
Functional display	LED

Connection



Dimension (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, 8 wire, with straight female plug S8 (M12 x 1 A)	ST S8-2	9850O
Connection cable 5 m, 8 wire, with straight female plug S8 (M12 x 1 A)	ST S8-5	9850N
Connection cable 10 m, 8 wire, with straight female plug S8 (M12 x 1 A)	ST S8-10	9850S
Mounting angle adjustable	DAK 305	6913E
Mounting angle fixed	DAK 304	6913D
Air-purge unit	DAK 303	6913C
Interface converter for parameterization		
Interface converter RS485, female plug S4 (M12 x 1 A) 5-wire to USB (Internal 24 V power supply for sensor)	SIC 485U	9861B
Adapter cable S8 (M12 x 1 A) female plug 8-pole to S4 (M12 x 1 A) plug 5-pole, 2 m cable (suitable for SIC 485U)	ST S8/4 S4/5-2	9851E
Interface converter RS485, plug Sub D 9-pole to USB (External power supply necessary)	SIC 485UD	9861E

Further information

	Document
Manual	BDA_LX_S_LLX_S_Einweg_D_E.pdf