

Through-Beam Light Barrier (infrared) LXSS 600.2A GV S8 (Receiver)

- Range 50 m
- Stainless steel housing M40
- 3 switching outputs (can be parameterized)
- On and off delay
- Alarm function pollution, overtemperature
- Parameterization with RS 485 + Software
- Modbus RTU
- Plug S8 (M12 x 1 A)



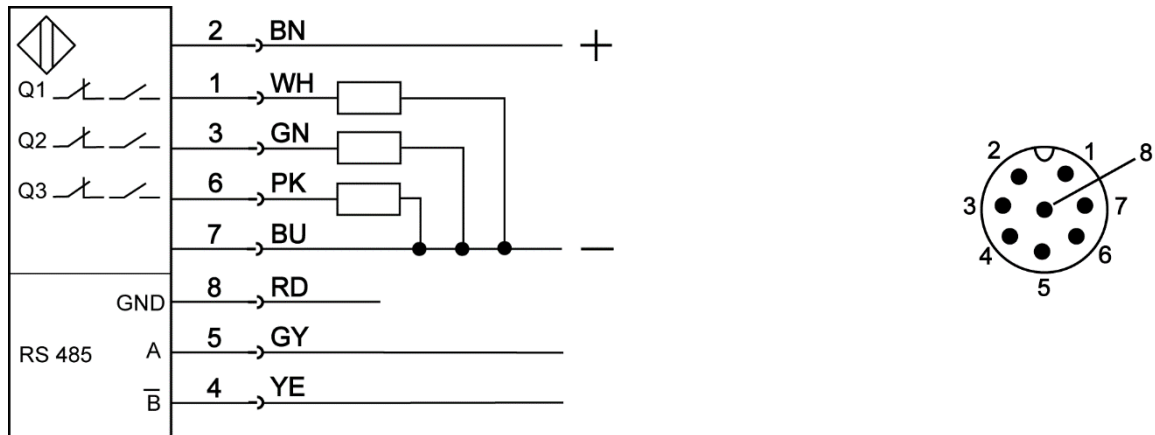
Product Characteristics

Type	LXSS 600.2A GV S8
Connection	Art.-No.
Plug S8 (M12x1 A)	5073A
Suitable transmitter	LLAS 600 and all infrared transmitters of the 600 series
Application	Material detection of cold and hot objects

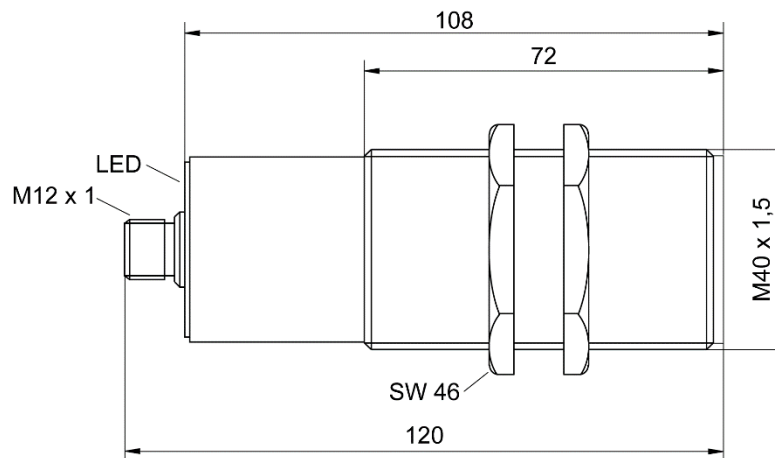
Technical Data

Function	Receiver
Range max.	50 m
Operation range	30 m
Light type	Infrared (850 nm)
Software functions	configuration of switching outputs, on/off delay, alarm function, status display, teach-in, internal temperature
Alarm function	pollution, overtemperature
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
Laser pilot light attachment, alignment aid	DAK 308	6913G
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