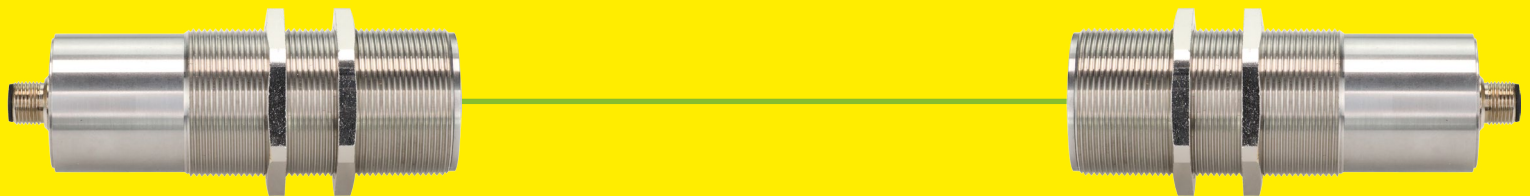


Through-Beam Light Barriers

M40 with digital interface

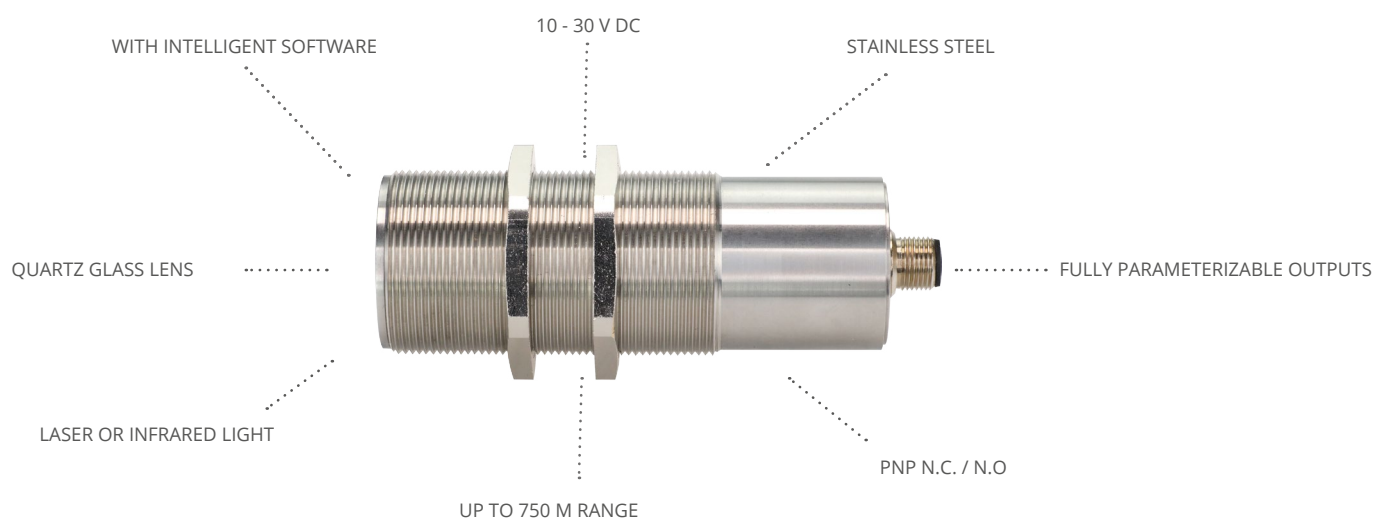
Detection of hot and cold material in compact design



Through-Beam Light Barrier (M40) Mini

Compact through-beam light barriers, with a number of functions and extremely high range, are ideal for the detection of hot and cold objects. The M40 sensors are perfect for the detection of objects in constrained mounting conditions. According to the application, the M40 Mini light barrier is available in the LASER or invisible infrared light version, and it offers, thanks to its enhanced range, maximum functional reserve. The sensors can be parameterized via software and adjusted to the most different detection tasks; an alarm function provides warning against pollution and excessive temperature. The lens is made of temperature-resistant glass and withstands radiated heat.

- detection of hot and cold objects
- enhanced range for optimal performance
- compact design (M40)
- LASER Class 2 or invisible Infrared Light
- can be used without additional protective action
- easy parameterization via software
- individual settings for switching outputs
- alarm for excessive temperature and pollution
- Teach and test function
- RS 485 interface (MODBUS RTU)
- extremely fast (0,5 ms/1000 Hz)
- robust and maintenance-free
- wide range of accessories



Light type	IR- light	LASER
Transmitter type	LAS 600.2 S4	LLAS 600.2 S4
Receiver type	LXSS 600.2A GV S8	LLXSS 600.2A GV S8
Max range / operating range	50 m / 30 m	750 / 500 m
Ambient temperature max.	70 °C	50 °C
Parameterization	software	
Software functions	switching outputs, on/off delay, alarm function, status display, teach-in, internal temperature	
Alarm function	pollution, excessive temperature	
Digital communication	RS-485 (MODBUS RTU)	
Housing [mm]	M40 x 108	
Housing material	stainless steel	

Accessories	mounting bracket	Connection cable S4	Connection cable S8	Air purge unit	Visible laser light
Type	DAK 304	ST 043/3-2	ST S8-2	DAK 303	DAK 308
Description	one-side mounting bracket	length 2 m	length 2 m	air purge unit M40	Laser
Type	DAK 305	ST 043/3-5	ST S8-5		
Description	adjustable mounting bracket	length 5 m	length 5 m		