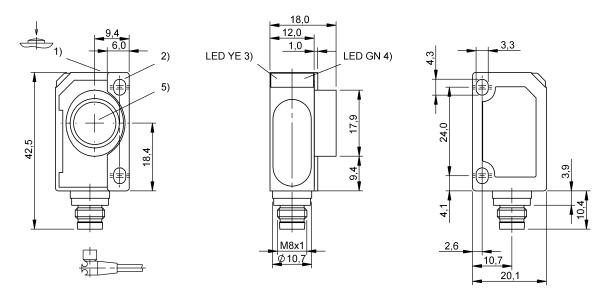
BUS R06K1-PPX-12/070-S75G

Order Code: BUS0059





1) Set sensor, 2) Mounting plate, 3) Status indicator, 4) Operating voltage/mode, 5) Ultrasonic transducer axis

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Basic features		Electrical data	
Application	Object detection	Current draw max.	35 mA
Approval/Conformity	CE	Hysteresis H max.	2 mm
Operating mode	EAC	Input function	Synchronization signal
	WEEE	Operating voltage Ub	2030 VDC
	UKCA Refl.light scanner (window) Reflectionlight scanner (switching	Output current max.	200 mA
		Rated operating voltage Ue DC	24 V
	point)	Switching frequency	14 Hz
	Retro-reflector	Synchronization	external, any number of sensors
Series	R06K1	Ultrasonic Frequency	300 kHz
Display/Operation		Environmental condition	ns
Adjuster	button	Ambient temperature	-2570 °C
Setting	Factory setting (Reset)	IP rating	IP67
·	Key disable on/off Normally open/Normally closed Switching distance, 2 values Operating mode	Storage temperature	-4085 °C
		Functional safety	
		MTTF (40 °C)	516 a
Electrical connection			
Connection	M8x1-Male, 4-pin	Interface	
Polarity reversal protected	yes	Switching output	PNP normally open/normally
Short-circuit protection	yes		closed (NO/NC)
		Material	
		Housing material	ABS
		Material sensing surface	PU foam/Epoxy resin/Glass

Subject to change without notice: 223153

Ultrasonic Sensors

BUS R06K1-PPX-12/070-S75G **Order Code: BUS0059**



Mechanical data

Dimension 20.1 x 42.5 x 18 mm

Mounting part Screw M3

Range/Distance

Range 120...1000 mm 700 mm

Rated operating distance Sn

Repeat accuracy ± 0.15 %FS Resolution ≤ 0.037 mm

Remarks

For additional information, refer to user's guide.

Order accessories separately.

Do not press key using a pointed tool.

Reference object for Sn: tube ø10mm. Max. range refers to the aligned plate.

The sensor is functional again after the overload has been eliminated.

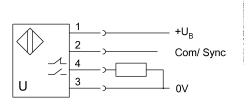
For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector Drawings



Wiring Diagrams



2/3

BUS R06K1-PPX-12/070-S75G Order Code: BUS0059

BALLUFF

Technical Drawings – 80 cm erichtete Platte – 100 cm

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