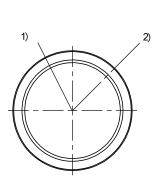
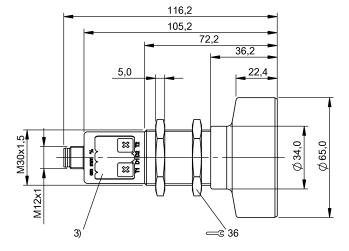
Ultrasonic Sensors BUS M30E1-PPC-60/600-S92K Order Code: BUS003Y







1) Ultrasonic transducer axis, 2) Exit direction 90° connector, 3) Display and control panel

Basic features		Display/Operatio	n
Application	Distance measurement	Adjuster	Key (2x)
	Object detection	Setting	Synchronous/Multiplex mode
Approval/Conformity	cULus LISTED		Segment displ. bright/dark/off
	CE		Filter strength (10 levels)
	EAC		Response delay 0 to 20 s
	WEEE		Foreground suppression range
	UKCA		Multiplex sensor address
Operating mode	Retro-reflector		Sensor calibration
	Refl.light scanner (window)		Temperature comp. on/off
	Reflectionlight scanner (switching	I	Output curve rising/falling
	point)		Analog output U/I/Auto
	Analog measurement (output		Segment display mode
	curve)		Synchronization on/off
Series	M30E1		Multiplex speed
			Measured value filter
			Hysteresis
			Factory setting (Reset)
			Key disable on/off

Electrical connection

Connection	M12x1-Male, 5-pin
Polarity reversal protected	yes
Short-circuit protection	yes

Normally open/Normally closed Switching distance, 2 values

Operating mode Detection range (3 levels) Teach-in mode display/button Output curve window

Ultrasonic Sensors BUS M30E1-PPC-60/600-S92K Order Code: BUS003Y



0...10 V/4...20 mA

linear rising/falling

Analog, voltage/Analog, current

Electrical data

Current draw max.	80 mA	Analog output
Hysteresis H max.	100 mm	
Input function	Synchronization signal	Output characteristic
Load resistance RL max. (Analog I)	500 Ohm at UB > 20 V 100 Ohm at UB < 20 V	Switching output
Load resistance RL min. (Analog V)	100 kOhm at UB > 15 V	
Operating voltage Ub	930 VDC	Material
Output current max.	200 mA	Housing material
Rated operating voltage Ue DC	24 V	nousing material
Switching frequency	3 Hz	Material sensing surfa
Synchronization	internal, max. 10 sensors	······
Ultrasonic Frequency	80 kHz	Mechanical data
Environmental conditions	;	Dimension
Ambient temperature	-2570 °C	Mounting part
IP rating	IP67	Pango/Distanco

-40...85 °C

1483 a

ing output	PNP normally open/normally closed (NO/NC)
rial	
ıg material	Stainless steel PBT, TPU
al sensing surface	PU foam/Epoxy resin/Glass
nanical data	
sion	Ø 65 x 116.2 mm
ng part	Nut M30x1.5
je/Distance	

Range/Distance

Interface

Range Rated operating distance Sn Repeat accuracy Resolution

600...8000 mm 6000 mm ± 0.15 %FS

≤ 0.180 mm

Remarks

MTTF (40 °C)

Storage temperature

Functional safety

The sensor is functional again after the overload has been eliminated. Reference object for Sn: tube ø27mm. Max. range refers to the aligned plate.

Do not press key using a pointed tool.

Order accessories separately.

For additional information, refer to user's guide.

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.

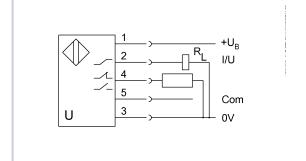
Connector Drawings



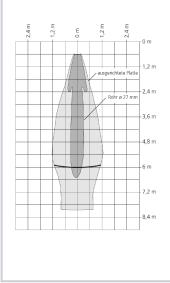
Ultrasonic Sensors BUS M30E1-PPC-60/600-S92K Order Code: BUS003Y



Wiring Diagrams



Technical Drawings



Help Views

