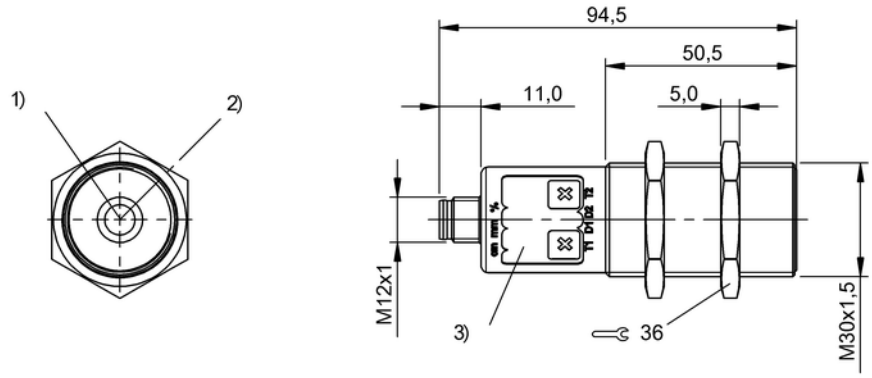
BUS M30M1-PPX-03/025-S92K
Ordering code: BUS0022

Ultrasonic sensor
M30

Connector, M12x1-S92
Working range 30...350 mm
PNP (1x), antivalent



Characteristic data

Design	Cylinder, converter, straight
Short-circuit protected	yes
Protected against polarity reversal	yes
Setting	Detection range (3 levels), Factory setting (reset), Filter strength (10 levels), Foreground suppression range, Hysteresis, Key disable on/off, Measured value filter, Mode, Multiplex sensor address, Multiplex speed, NO/NC, Response delay 0 to 20 s, Segment displ. bright/dark/off, Sensor calibration, Switching distance, 2 values, Synchronization on/off, Synchronous/Multiplex mode, Teach-in mode display/button, Temperature comp. on/off

Electrical data

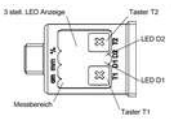
Operating voltage	9...30 V DC
Rated operating voltage Ue DC	24.0 V
Switching output	PNP (1x)
Hysteresis H max.	3 mm
Switching frequency f	25 Hz
Response time max.	32 ms
Output current max.	200 mA
Ultrasonic frequency	320 kHz
Synchronisation	internal, max. 10 sensors

Mechanical data

Resolution	0,025 mm
Connector type	M12x1-S92
Sensing surface material	PU foam, epoxy resin, glass
Housing material	Brass, PBT, TPU
Resolution	0,025 mm
Repeat accuracy	±0.15 %
Operating temperature min.	-25 °C
Operating temperature max.	+70 °C
Cover material	PBT
Range min.	30 mm
Range max.	350 mm
Temperature compensation	yes, can be disengaged

Basic data

Enclosure Type per IEC 60529	IP67



Internet : www.balluff.com
Balluff Germany : +49 (0) 7158 173-0, 173-370
Balluff USA : 1-800-543-8390
Balluff China : +86 (0) 21-50 644131

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