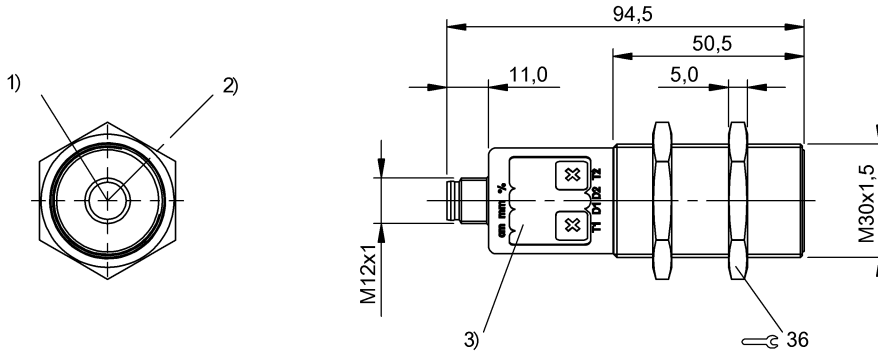


**BUS M30M1-PPX-07/035-S92K**  
**Ordering code: BUS005F**

Ultrasonic sensor  
M30

Connector, M12x1-S92  
Working range 65...600 mm  
PNP (1x), antivalent

**BALLUFF**  
*sensors worldwide*



**Characteristic data**

Design  
Short-circuit protected  
Protected against polarity reversal  
Setting

Cylinder, converter, straight  
yes  
yes  
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, Synchronisation on/off, Synchronous/Multiplex mode, Teach-in mode display/button, Temperature comp. on/off

Hysteresis H max. 5 mm  
Switching frequency f 12 Hz  
Response time max. 64 ms  
Output current max. 200 mA  
Ultrasonic frequency 400 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. 65 mm  
Range max. 600 mm  
Temperature compensation yes, can be disengaged

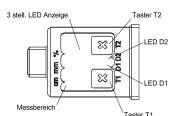
**Electrical data**

Operating voltage  
Rated operating voltage Ue DC  
Switching output

9...30 V DC  
24.0 V  
PNP (1x)

**Basic data**

Enclosure Type per IEC 60529 IP67



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