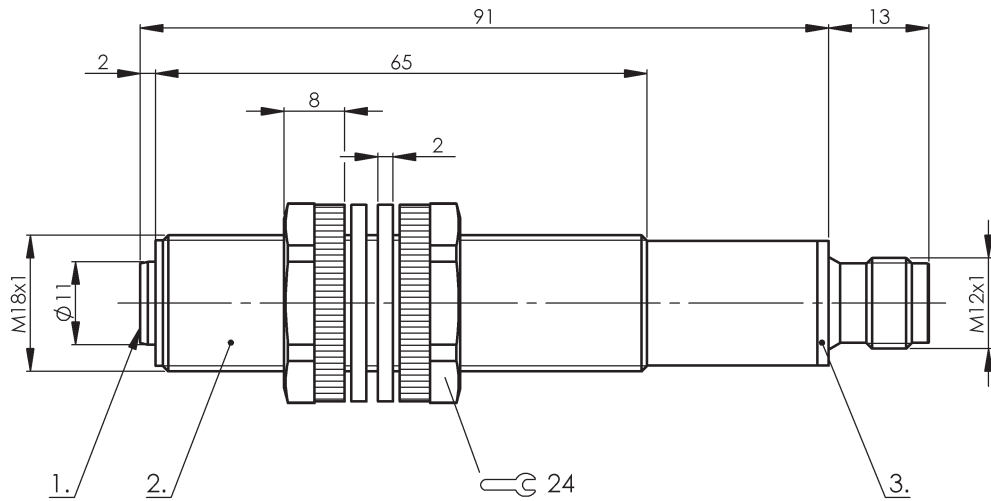




1) Active surface 2) Housing 3) Top cover

- Ultrasonic sensor
- Synchronizable



General attributes

Approvals / Conformity

Enclosure Type per IEC 60529
Polarity reversal protected
Protection Class
Short circuit protected

cULus, DC, Code 2CD7
CE
IP67
yes
II
yes

Stability

EN 61000-4-3
EN 61000-4-4
EN 61000-4-5
EN 61000-4-6
EN 61000-4-2
Pin2
ca. 330 kHz

Synchronization
Ultrasonic frequency

Electrical attributes

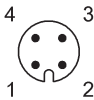
Analog output
Connection type
Current draw
Eff. operating voltage U_e DC
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]
Output curve deviation max.
Response time max.
Slope adjustable
Slope U

0... 10 V
Connector
≤35 mA
24 V ±25 %
30 V DC
18 V DC
<0.3 %
50 ms
no
42 mV/mm

Mechanical attributes

Connector type
Cover material
Housing material
Opening angle, sound cone
Operating temperature max.
Operating temperature min.
Range max. [mm]
Range min.
Repeat accuracy
Resolution
Sensing face material
Storage temperature max.
Storage temperature min.
Temperature compensation

M12x1 4 poles
Plastic PA
Plastic PBT
8°
+70 °C
-15 °C
300 mm
60 mm
0.2 %
0.200 mm
Epoxide hollow glass spheres
+75 °C
-30 °C
yes



PIN 1: +24V
PIN 2: Hold/Sync
PIN 3: 0V
PIN 4: Analog output