

1) Ultrasonic transducer axis 2) Exit direction 90° connector 3) Operating voltage 4) Output function



Display/Operation

Adjuster no

Electrical connection

Connection M12x1-Male

Electrical data

Current draw max. 40 mA
 Load resistance RL max. (Analog I) 500 Ohm at UB 20 V
 100 Ohm at UB 20 V
 Operating voltage Ub 10...30 VDC
 Output characteristic linear rising/falling
 Polarity reversal protected yes
 Rated operating voltage Ue DC 24 V
 Synchronization internal, max. 10 sensors
 Ultrasonic Frequency 320 kHz

Environmental conditions

Ambient temperature -25...70 °C
 IP rating per IEC 60529 IP67
 Storage temperature -40...85 °C

General data

Application Distance measurement
 Approval/Conformity CE

Operating mode

Analog measurement (output curve)

Series

M18M1

Material

Housing material Brass
 PBT
 Material sensing surface PU foam
 Epoxy resin
 Glass
 Surface protection nickel plated

Mechanical data

Fastening detail Nut M18x1

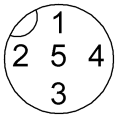
Output/Interface

Analog output Analog, current, 4...20 mA
 Input function Output curve rising/falling
 Teach in the working range
 Factory setting (Reset)
 Synchronization on/off
 Synchronization signal

Range/Distance

Measuring range 30...350 mm
 Range 30...350 mm
 Rated operating distance Sn 250 mm
 Repeat accuracy R ±0.15 % FS
 Resolution ≤ 0.070 mm

Connector view



Wiring Diagram

