

1) Ultrasonic transducer axis 2) Exit direction 90° connector 3) LED function indicator 4) Output function



IND. CONT. EQ  
 5HP6  
 for use in the secondary of  
 a class 2 source of supply



## Display/Operation

Adjuster no

## Electrical connection

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

## Electrical data

Current draw max. 40 mA  
 Input function Output curve rising/falling  
 Teach in the working range  
 Factory setting (Reset)  
 Synchronization on/off  
 Synchronization signal  
 Load resistance RL min. (Analog V) 100 kOhm at UB > 15 V  
 Operating voltage UB 15...30 VDC  
 Rated operating voltage Ue DC 24 V  
 Synchronization internal, max. 10 sensors  
 Ultrasonic Frequency 200 kHz

## Environmental conditions

Ambient temperature -25...70 °C  
 Protection degree IP67  
 Storage temperature -40...85 °C

## General data

Application Distance measurement

## Approval/Conformity

cULus LISTED  
 CE  
 EAC  
 WEEE

## 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

Dimension Ø 18 x 52.5 mm  
 Mounting Nut M18x1

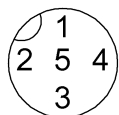
## Output/Interface

Analog output Analog, voltage 0...10 V  
 linear rising/falling  
 Output characteristic linear rising/falling

## Range/Distance

Range 120...1300 mm  
 Rated operating distance Sn 1000 mm  
 Repeat accuracy ± 0.15 %FS  
 Resolution ≤ 0.069 mm

## Connector view



## Wiring Diagram

