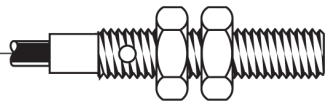
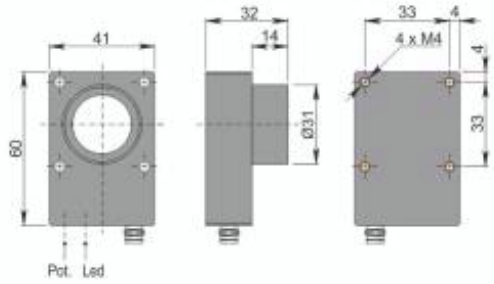
MORE THAN SENSORS



Part number: UPA000014 - Model: SUP-P50 PNP NO I H1



Dimension in mm

TECHNICAL CHARACTERISTICS	
Power supply:	Direct current
Detection type:	Diffuse reflective
Working voltage:	15 ÷ 30 V
Detection range:	80 ÷ 800 mm (Adjustable: digital output only)
Blind range:	0 ÷ 80mm
Hysteresis (Digital output):	15 mm@FSnom.
Transducer direction:	Radial
Output type:	Digital + Analogic
Logic type (Digital output):	PNP
Function (Digital output):	NO
Function (Analogic output):	4 ÷ 20 mA (RL< 400 OHM)
Resolution:	0.2%FS
Temperature error:	
Working frequency:	180 KHz
Max. switching speed:	8 Hz
Led indicator:	Led red/green
Max. output current (Digital output) :	100 mA
Switching time - Ton (Digital output):	< 50 ms
Switching time - Toff (Digital output):	< 80 ms
Absorption:	60 mA
Temperature limits:	0 ÷ +50 °C
Operating pressure range:	900 ÷ 1100 mBar
IP rating:	IP67
Housing material:	Polyamide glass-fiber reinforced
Mechanical characteristics:	41x60x32
Connection type:	H1 Connector
Weight:	90g

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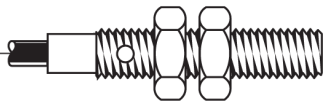
MORE THAN SENSORS



Part number: UPA000014 - Model: SUP-P50 PNP NO I H1

WIRING DIAGRAM

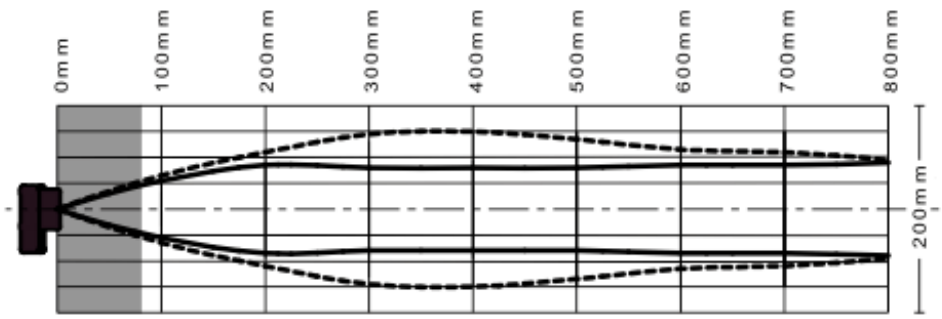
CONNECTION WITH H1 PLUG

VIEW OF MALE CONNECTOR

1 = Brown / +
2 = White / analog output
3 = Blue / -
4 = Black / binary output

INSTRUCTIONS FOR CORRECT INSTALLATION

DETECTION RANGE



The detection beam of an ultrasonic sensor has the shape of a cone.
The cone of sensitivity can vary in function of the detected object. Two typical curves of the cone are shown in the graphic.
The cones of sensitivity of two different ultrasonic sensors with the same operating frequency must NEVER intersecate, or they do not work properly.

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