



# UFT

## UFT1B/H6-1EIO

Ultrasonic sensor full metal M30  
PNP+4...20mA 250-2500 mm conn. M12,  
stainless AISI 316L, IO-Link

## OVERVIEW

- Stainless Steel AISI 316L housing
- IP68, IP69K mechanical protection degree
- ECOLAB certification
- IO-Link models

## TECHNICAL FEATURES

### Detection properties

Nominal sensing distance	2500mm
Thermal drift of Sr	+/-5%
Repeat Accuracy	1%
Hysteresis	<3%
thermal compensation	Yes
Minimum sensing distance (blind zone)	250mm
Linearity error	<1%

## Outputs

Switching frequency

1Hz

Response time

<=400ms

## Electrical data

Operating Voltage

10...30Vdc

Max ripple content

5%

Time delay before availability

300ms

Short-circuit protection

Yes

## Mechanical data

Weight

175g

Tightening torque

50Nm

Storage temperature

-15...65°C

Material

Stainless Steel AISI 316L

Plug

M12 4 poles

Diameter

M34

Diameter/Dimension

M30xL=103.05mm

## Test/Approvals

Approvals

CE, ECOLAB, IP69K

EMC compatibility

EN 60947-5-2

## Generical Data

Operating Temperature

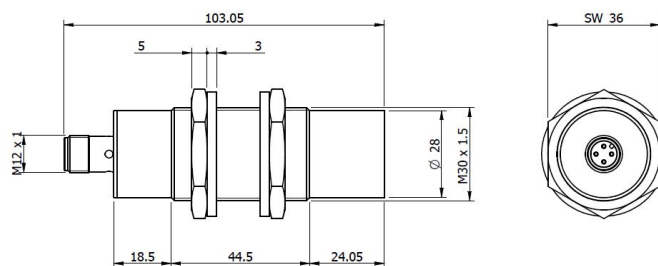
-10...60°C

Mechanical Protection

IP67, IP68, IP69K

# OTHERS

## Dimensions



## Datasensing S.r.l.

Strada S.Caterina, 235  
41122 Modena (MO)  
Tel. 059 420411  
Fax 059 253973  
E-mail  
info@datasensing.com

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