UFT

UFT1B/H7-1EIO

Ultrasonic sensor full metal M30 PNP+0…10V 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

Material	Stainless Steel AISI 316L
Weight	175g
Tightening torque	50Nm
Storage temperature	-15…65°C
Plug	M12 4 poles
Diameter	M33
Diameter/Dimension	M30xL=103.05mm

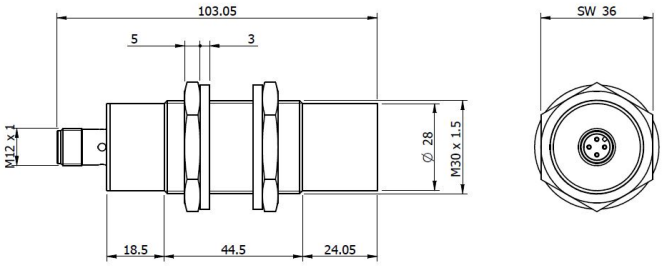
Test/Approvals

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

date of printing
25/10/2026
04:02:13