



UFT

UFT1B/H2-1E

**Ultrasonic sensor full metal M30 4...20mA,
remote teaching via cable, 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	M31
----------	-----

Diameter/Dimension	M30xL=103.05mm
--------------------	----------------

Test/Approvals

Approvals	CE, ECOLAB, IP69K
-----------	-------------------

EMC compatibility	EN 60947-5-2
-------------------	--------------

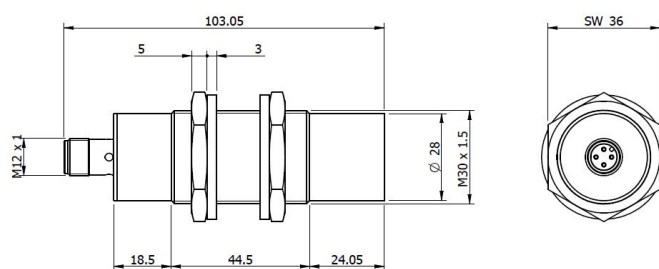
Generical Data

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**
10/08/2026
02:53:19