



UFT

UFT1B/HW-1EIO

Ultrasonic sensor full metal M30 2xPNP
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
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Response time	<=400ms
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Electrical data

Operating Voltage	10...30Vdc
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Max ripple content	5%
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Time delay before availability	300ms
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Short-circuit protection	Yes
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Mechanical data

Material	Stainless Steel AISI 316L
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Weight	175g
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Tightening torque	50Nm
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Storage temperature	-15...65°C
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Plug	M12 4 poles
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Diameter	M35
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Diameter/Dimension	M30xL=103.05mm
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Test/Approvals

Approvals	CE, ECOLAB, IP69K
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EMC compatibility	EN 60947-5-2
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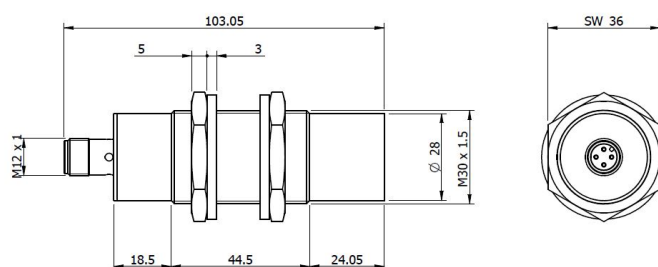
Generical Data

Operating Temperature -10...60°C

Mechanical Protection IP67, IP68, IP69K

OTHERS

Dimensions



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**date of
printing**
10/08/2026
08:37:42