

Product datasheet

Specifications



Buoyancy transmitter, Level, digital, liquid level, interace level, liquid density measurement

244LD

Main

Range of product	Level
Product or component type	Buoyancy transmitter
Product specific application	Liquid level measurement Interface level measurement Density measurement
[Us] rated supply voltage	12...42 V DC
Kit composition	transmitter displacer element ((to be purchased seperately))

Complementary

Housing material	Aluminium Stainless steel
Pressure rating	1...500 bar
Safety level	SIL2
Communication port protocol	HART, 4...20 mA FOUNDATION fieldbus
Display type	LCD display
Measurement accuracy	+/- 0.2 % of reading
Measurement range	0...10 m 0...30 ft
Type of measurement	Level inferred by buoyant force
Connector type	DIN flange ASME flange JIS flange

Environment

Ambient air temperature for operation	-196...500 °C
Ambient air temperature for storage	-40...85 °C
Product certifications	CE ATEX FM CSA EAC NEPSI INMETRO PED
Standards	EN/IEC 61508 NACE
IP degree of protection	IP66

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	149 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	96 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.6 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	52 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	258ff9d7-4b36-4c78-8820-68d96a868413
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	85
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins