

## TDR sensor for continuous level and interface measurement of liquids

### Application area

The VEGAFLEX 86 level sensor measures maintenance-free all liquids under extreme pressure and temperature conditions. Even in applications with buildup, foam generation and condensation, the sensor delivers precise and reliable measured values. In saturated steam applications, a special reference probe ensures a density-independent measurement. The VEGAFLEX 86 offers an economical level and interface measurement for your application.

### Your benefit

- The guided adjustment enables a simple, time-saving and reliable setup
- Comprehensive diagnostic possibilities ensure a maintenance-free operation and hence a high plant availability
- The maintenance-free operation increases the plant efficiency

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Measuring unit for lengths	Metre / Millimetre
Scope	Europe
Approval	for Ex-free area
Version / Material	Exchangeable rod (ø16mm) / 316L
Probe	mounted
Length (from seal surface)	1400 mm
Process fitting / Material	Thread G1½ PN400, DIN3852-A / 316L
Seal / Second line of defense / Process temperature	Ceramic graphite / with / -196...+280°C
Electronics	Two-wire 4 ... 20 mA/HART
Supplementary electronics	without
Overvoltage protection of the supply cable	without
Housing / Protection	Aluminium single chamber / IP66/IP68 (0.2bar)
Cable entry / Connection	M20x1.5 / Cable gland PA black (ø5-9mm), standard
Display/Adjustment module PLICSCOM	mounted
Certificates	Yes
Suitable for tropical regions	without
Test certificate	without
Certificate / Standard	without
Dye penetration test	without
Pressure test	without
Helium leak test	without
Radiographic test	without
PMI test	without
Low temperature test at -60 °C	without
Durability test more than 360 h	without
Customer-specific production	No
Supply certificates	with goods
Operating instructions	DE - German
Number of operating instructions	1
Measurement loop identification label	of stainless steel
Customer-specific adjustment	No
Linearization	No

Product name VEGAFLEX 86

eID [DE118422772](#)

Quantity 1

Production period (days) 15

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Address setting	No
Application-specific settings	No
Min. process pressure in bar	-1
Max. process pressure in bar	400
Customs tariff number (HS code)	90261029
Software version	Current version