



Stainless steel level sensor ENS



The connection, commissioning and maintenance of the stainless steel level sensor must be under the guidance of appropriate personnel. Please note that for the construction and commissioning of electrical equipment relevant prevailing standards.

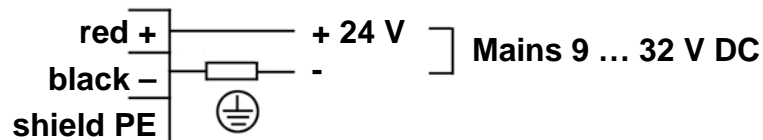


With ceramic measuring cell, shielded cable and a specially designed stainless steel enclosure, Condor offers a precision level sensor for all different types of applications, like e.g. wastewater. The sensor offers extremely high media resistance and the especially large membrane makes the sensor insensitive to pollution. The shielded cable protects the output signal (4 – 20 mA) against electromechanical influences. The ENS level sensor is also available with ATEX (explosive atmosphere) approval.



Wiring diagram stainless steel level sensor ENS

4 ... 20 mA, 2-wire



Technical data ENS

Technical operating data	
Measuring range:	0 – 25 mbar up to 0 – 60 bar
Output signal:	4 – 20 mA, 2-wire
Accuracy:	< 0.2 %
Adjustment time:	200 ms (other values on demand)
Auxiliary voltage:	9...32 V DC, max. 30 mA(12...30 V for EX- type)
Temperature range:	-25...80 °C (-25...120 °C) (-25...70 °C for EX-Type)

Technical operating data	
Temperature influence:	< 0,015 %/K of measuring range
Housing	Stainless steel, 1.4571
Degree of Protection:	IP 68
Electrical connection:	Kevlar braided PE cable, wire cross-section 0,34 mm ² , with pressure compensation
EX-protection:	EEx ia IIC T6



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