

ATEX Float Switch NIVOSTOP PR2/ Ex



- For liquids in hazardous areas (ATEX)
- Built-in counterweight
- Robust floating body
- High quality neoprene cable
- Cable lengths: 10 or 20 meters

APPLICATION

- For level monitoring in lifting and pumping systems in hazardous areas (ATEX) as "simple electrical equipment" in accordance with EN 60079-11

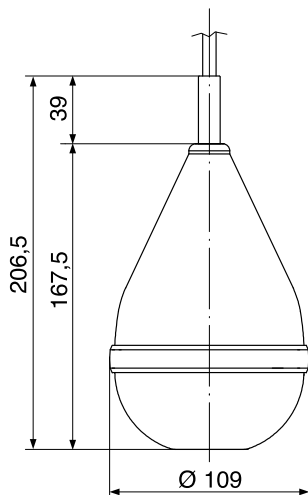
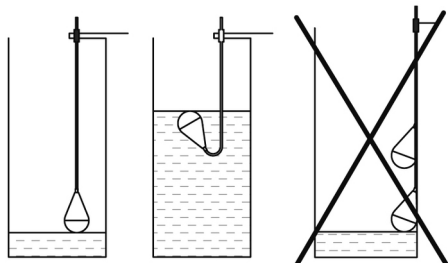
DESCRIPTION

The integrated switch is activated when the fill level increases. The built-in tipping weight guarantees that the float remains in place and does not float up. The NIVOSTOP PR2-EX remains in the fluid and switches even in the tightest of spaces.

The NIVOSTOP PR2-EX is a robust float switch with a sturdy neoprene cable, even for harsh operating conditions.

The plastics used dissipate electrostatic charges via the cables earth conductor.

Important: For use in ATEX-zones 0, 1 or 2, the use of an intrinsically safe safety barrier is mandatory (e.g. RAC 531 B or RDN11, see accessories).



TECHNICAL DATA

Pressure limit	max. 2 bar
Protection	IP68
Class of equipment	I
Operating temperature	-20 ... +80 °C
Density range of liquids	0.95 ... 1.05 kg/dm³
Switching angle	20°
Switch type	Micro-switch (changeover)
Ex-maximum values	Ui= 30V, Ii= 0.1A, Pi= 0.75W
Inductance Li, capacity Ci	insignificant small
Cable	H05RN-F 4x0.75 – Ø 8,8 mm Cable lengths: 10 or 20 meters
Sealing cable entry	EPDM
Body	Antistatic PP (black) with 2 air-filled chambers
Maximum immersion depth	20m (max.)
EU Type Examination Certificate	0425 ATEX 003942-02
Ex marking	Ⓔ II 1G Ex ia IIC T6/T5 Ga

CE mark: The device fulfils the legal requirements of the applicable EU-guidelines

CODE NUMBERS AND REFERENCES

Code	Reference	Cable length	Mass [kg]
521 510	NIVOSTOP PR2-EX - 10	10 m	1.9
521 520	NIVOSTOP PR2-EX - 20	20 m	2.5
Accessories: intrinsically safe power supply			
251 011C	RDN11 / 230 V AC	Power supply 230 V AC	
251 012	RDN11 / 24...48 V DC	Power supply 24 ... 48 V DC	



Pression - Température

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NIVOSTOP PR2/ Ex**

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