



TECHNICAL SHEET N°1

Please, refer to sheet n°2 about the ATEX

**SOBA Ex**

**Certified ATEX (EC HY 2000 ECO)**



## FLOAT LEVEL REGULATOR

For automatic regulation with several devices

ATEX Marking code - CE 0081 II 1 G EEx ia IIC T6 IP6X T°70°C



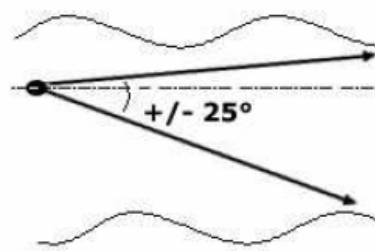
### USE

VR - Emptying / Filling

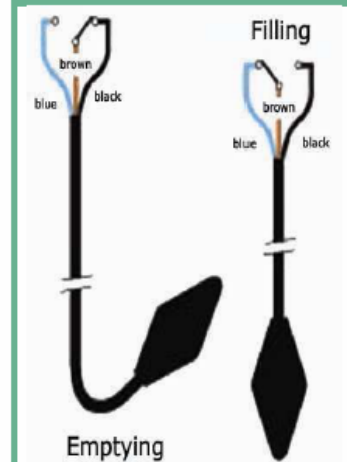
### SIZE

Height: 200 mm - Diameter: 92 mm

### DIFFERENTIAL ANGLE



### WIRING



Please, refer to the connection diagram enclosed to each float delivered.

### APPLIANCES

Same applications as the SOBA HR HY model. However, it is especially designed for working in explosive gas areas : solvents, hydrocarbons, alcohols, chemical and pharmaceutical products (please, refer to the SOBA HR HY technical sheet)

### TECHNICAL CHARACTERISTICS

Operation mode	Omnidirectional
Allowed fluid density	0,80 a 1,10
Maximum pressure	4 bars
Maximum temperature	T6 i.e. from -20°C to +70°C / idem
Protection index	IP 6X
Electric characteristics	24 VAC/VDC - 10 mA or 12 VAC/VDC - 100 mA
Obligatory connection	With intrinsic safety relay
Microswitch	Gold plated reverser contacts
Biconical shell (2)	Copolymer polypropylene + HR HY (hypalon)
Cable	HR HY (hypalon) H07RN8-F
Cable type	3 conductors 1 mm <sup>2</sup>
Float weight without cable	300 g
Cable weight	HR HY 110 g/m
Adjustable ballast on cable (series)	Loaded resin 250 g
Standard cable length (series)	5, 10, 15, 20, 25 and 30 m (other lengths on request)