



ATS 165 EP CERTIFIED ACS



FLOAT LEVEL SWITCH

For automatic regulation with one single device

Suitable for use with drinking water meant for human consumption according to the norm XP P41-250 (1-2-3)



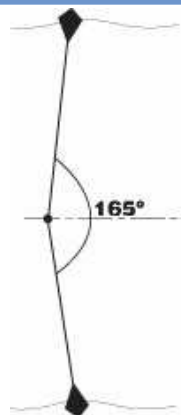
USE

VR – Emptying / Filling

SIZE

Height: 152 mm – Diameter: 95 mm

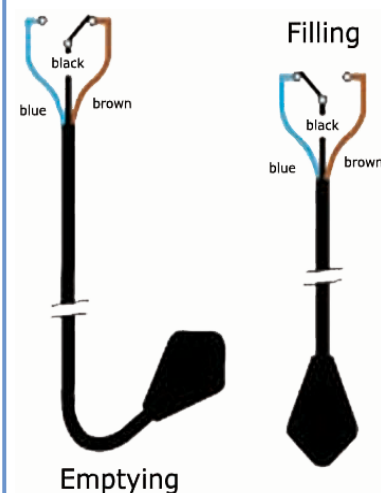
DIFFERENTIAL ANGLE



APPLIANCES

Adapted and obligatory for use in drinkable water meant for human consumption. It has the same technical possibilities as the standard ATS 165 but is manufactured with special raw materials which have allowed the ACS certification (please, refer to the technical sheet of the ATS 165).

WIRING



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

TECHNICAL CHARACTERISTICS

Operation mode	Omnidirectional
Allowed fluid density	0,70 a 1,10
Maximum pressure	3,5 bars
Maximum temperature	85°C
Protection index	IP 68 <input type="checkbox"/>
Electric characteristics	250 VAC- 50/60 Hz
Cut-out power	16 (6) A (16 A resistive - 6 A inductive)
Microswitch	Silver / nickel reverser contacts
Biconical shell	Special polypropylene certified ACS
Cable	Special EPDM certified ACS - A07RN8-F
Cable type	3 conductors 1 mm ² - blue sheath ACS
Float weight without cable	325 g
Cable weight	105 g/m
Adjustable ballast on cable (serie)	230 g stainless steel AISI 316L
Standard cable length (series)	5, 10, 15, 20 and 25 m (other lengths on request)



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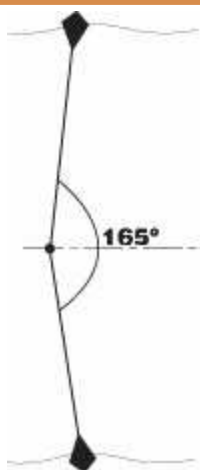
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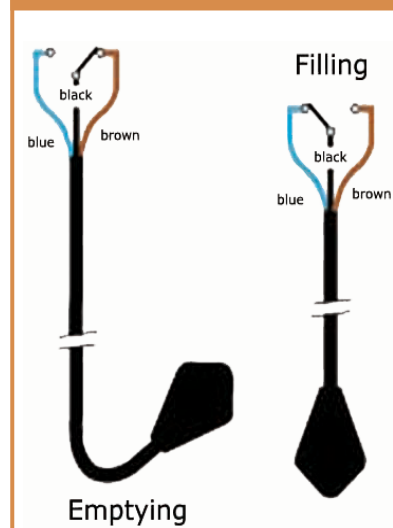
DIFFERENTIAL ANGLE



APPLIANCES



WIRING



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

Exceptional float with a 165° working differential angle which totally eliminates jerks on the pumps motors, even in very rough liquids. Moreover, the ATS 165 enables an automatic level regulation of any pump with one single float, replacing two standard regulators. This device is able to perform a regulation with a differential angle of about 1m50 between the high and low levels.

TECHNICAL CHARACTERISTICS

Operation mode	Omnidirectional
Allowed fluid density	0,70 a 1,50
Maximum pressure	3,5 bars
Maximum temperature	85°C
Protection index	IP 68 <input type="checkbox"/>
Electric characteristics	250 VAC- 50/60 Hz
Cut-out power	20 (8) A (20 A resistive - 8 A inductive)
Microswitch	Silver / nickel reverser contacts
Biconical shell	Copolymer polypropylene
Cable	Neoprene or HR HY (hypalon) H07RN8-F
Cable type	3 conductors 1 mm ²
Float weight without cable	325 g
Cable weight	Neoprene 115 g/m – HR HY 110 g/m
Adjustable ballast on cable (option)	Loaded resin 250 g
Standard cable length (series)	5, 10, 15, 20 and 25 m (other lengths on request)