03.10.95

ssue date

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- limit value detection for liquids
- slim shape: high operational reliability even with slurries
- narrow cylinder diameter: mounting possible with 1" BSP threaded hole
- for applications directly switched on a PLC, contact inserts with gold-plated contacts are available
- choice of various cables and cable sheathing material

Function:

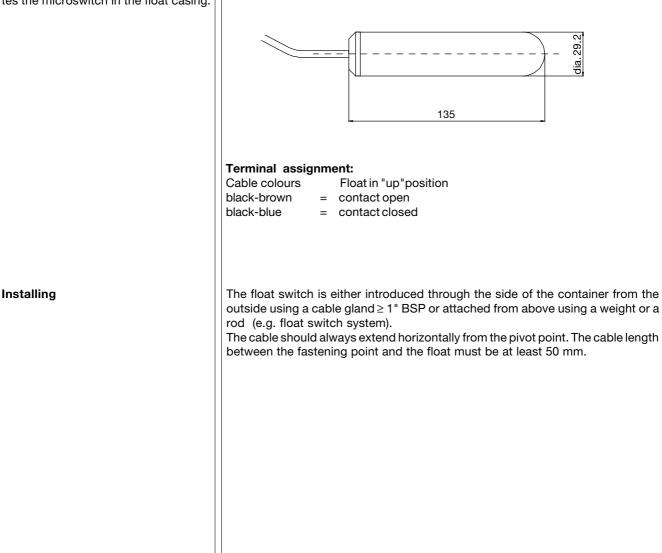
A switch weight moves inside of the float casing along its longitudinal axis. By moving the casing about a pivot point formed by the cable attachment point, the moving switch weight operates the microswitch in the float casing.

max. switching current:
0.1(0.05)A
-\`p
Cable and sheathing material, switching characteristics: PVC special sheathing high-flexibility (3 x 0.75 mm ²) 1
Neoprene sheathing H 05 RNF (3 x 0.75 mm²)
PUR cable yellow high-flexibility (3 x 0.5 mm²)
Break switch: PUR cable light blue, high-flexibility (2 x 1 mm²) open in up position
Make switch: PUR cable light blue, high-flexibility (2 x 1 mm²) closed in up position

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Dimensions:

Order No.:



CE

Technical Data	
Switching elements Switching function max. switching voltage max. switching current Switching hysteresis Switching cycles	ball and microswitch two-point/switch-over contact AC 250 V, DC 250 V 0.1(0.05)A or 3(1)A $18^{\circ} (\pm 6^{\circ}) / 5^{\circ} (\pm 3^{\circ})$ ≥ 50000
Environmental conditions max. medium temperature max. pressure (20 °C) Specific gravity of the medium	343 K (+ 70°C) 3 bar ≥ 0.8g / cm ³
Mechanical Float body Cable	dia. 29.2 x 135 mm, PP cylinder (mounting through 1" BSP threaded hole possible) see Order No.
Fastening side, from outside from above Float switch system	minimum length > 50 mm with cable gland ≥ 1" BSP with weight with guide tube (see Data Sheet 3301)
Accessories Cable gland 1" BSP PVC Brass Float weight Float switch system	HR-910822 HR-910821 HR-910101 see Data Sheet 3301