

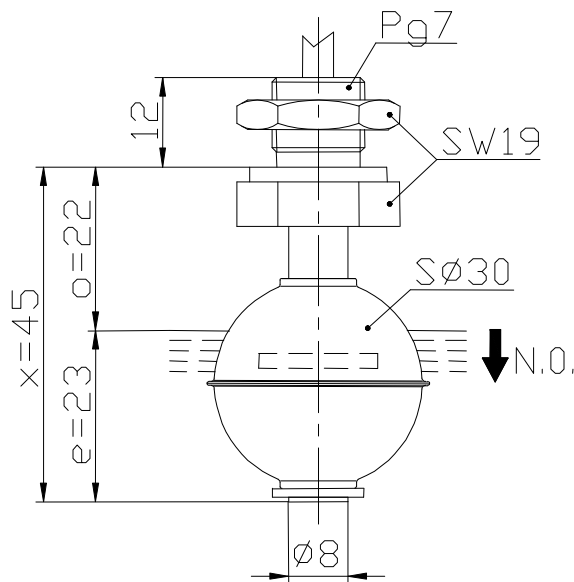
Technical Data

Float Switch

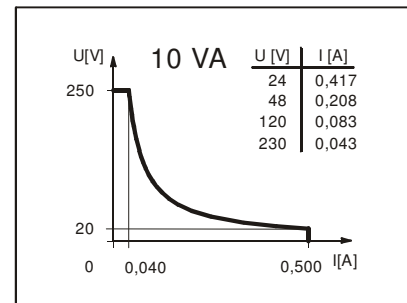
Mini-level float switches

Description **MSN1-NI-PG7-S 0045**

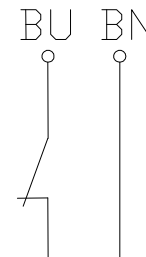
Article number **6891174002**



Performance diagram
(maximum data)



Wiring diagram
(without liquid)



Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	10 VA
	mechanical life	10 ⁷ to 10 ⁹ switches depending on the load
Switching element		1 normally open contact, falling level
Direction category		AC-22A and DC-22A acc to DIN VDE 0660 T107
Standard		acc to DIN VDE 0660 T200

Mechanical data

Terminal box material	X10CrNiS 18 9 (1.4305)
Hexagon nut material	X10CrNiS 18 9 (1.4305)
Float material	X6CrNiMoTi 17 12 2 (1.4571)
-density	about 0,65 g/cm ³ ±10%
-depth of immersion	18 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Grip screw material	X35CrMo 17 (1.2316)
Ambient air temperature	-5°C to +60°C
Liquid temperature	-5°C to +60°C
Connection	1m cable, PVC, 2x0,34mm ²
Protection type	IP 65 acc to DIN VDE 0470 T1
Max. pressure	15 bar

General details

Repeatability of switching points is ±0,05mm based on the same geometrical conditions as of a switch device.
 The measures of the switching points refer to a fluid-density of 1 g/cm³.
 The tolerance of the switching points is ±2mm
 Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!

Subject to change without notice.

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