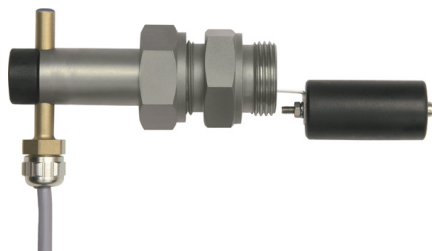


Product Information

NW1-020HM / K

Level Switch NW1

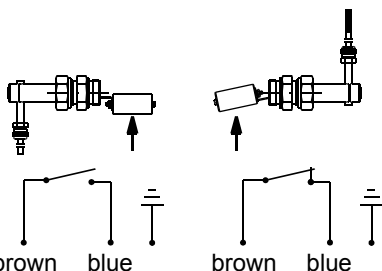


- Highly reproducible
- Normally open or normally closed contact

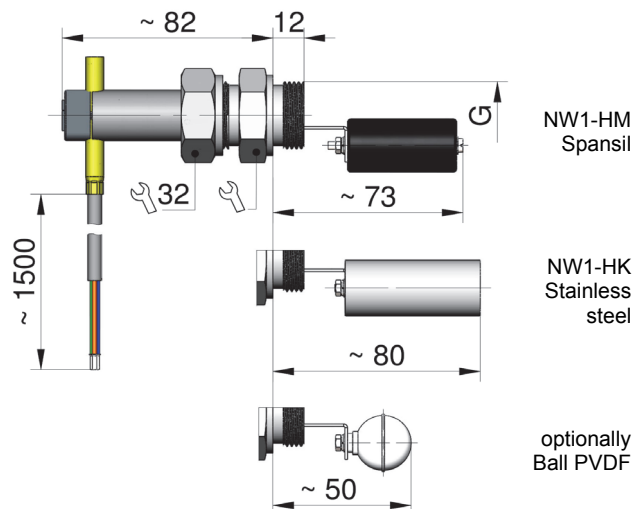
Characteristics

Mechanical level monitor for fluid media, with contact-free triggering of a reed contact.

Technical data

Switch	reed switch
Process connection	male thread G ¾ A; G 1 A
Density of medium	Spansil float ≥ 0.7 g/cm³ Stainless steel float ≥ 0.9 g/cm³
Pressure resistance	Spansil float PN 25 bar Stainless steel float PN 10 bar PVDF float PN 25 bar
Medium temperature	-20...+110 °C (optional 150 °C)
Ambient temperature	-20...+70 °C
Media	water, oils
Wiring	'normally open' or 'normally closed' No. 0.225 
Switching voltage	max. 230 V AC
Switching current	max. 1 A
Switching capacity	Max. 50 VA
Protection class	1 - PE connection
Ingress protection	IP 65
Electrical connection	cable 1.5 m
Materials medium-contact	Brass construction: CW614N nickelled, 1.4301, 1.4571, Spansil (NBR), Hard ferrite, NBR Stainless steel construction: 1.4305, 1.4571, Hard ferrite, FKM
Non-medium-contact materials	CW614N, nickelled, CW614N, NBR, PVC, POM
Weight	0.35 kg
Installation location	horizontal installation

Dimensions



Handling and operation

- It must be ensured that the values given for voltage, current, and power are not exceeded.
- When switched on, a load must be connected in series.
- The electrical details apply to ohmic loads. Capacitive, inductive and lamp loads must be operated using a protective circuit.
- Not suitable for use in media with ferritic particles.
- Switch position is fixed at factory.

Ordering code

NW1 - 1. 2. 3. 4.
NW1 - H

○=Option

1. Connection size	
020	threaded connection G ¾ A
025	threaded connection G 1 A
2. Process connection	
H	screw-in thread
3. Connection material	
M	brass
K	stainless steel
4. Switching unit option	
A	○ for switching unit ATEX A-U1-2 The switching unit must be ordered in addition.

Options

- Float ball PVDF
- Float cylinder stainless steel