

Product Information

NW3-020HM / K

Level Switch NW3

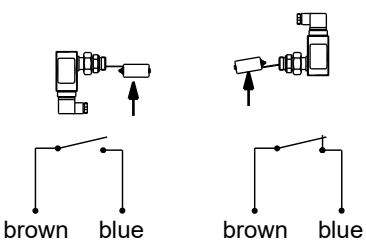


- Highly reproducible
- Normally open or normally closed contact
- Plug connection

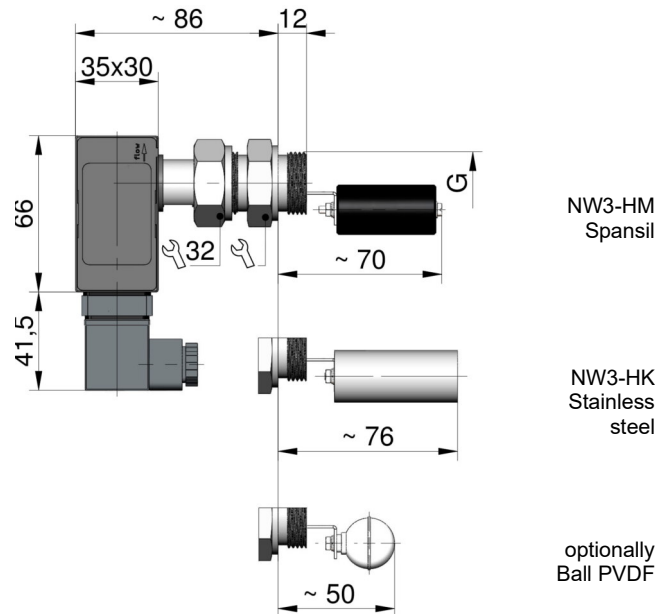
Characteristics

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

Technical data

Switch	reed switch	
Process connection	male thread G ¾A; 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
Medium temperature	-20...+110 °C	
Ambient temperature	-20...+70 °C	
Media	water, oils (aggressive media available on request)	
Wiring	'normally open' or 'normally closed' No. 0.442 	
Switching voltage	max. 230 V AC	
Switching current	max. 1 A	
Switching capacity	Max. 50 VA	
Protection class	2 - safety insulation	
Ingress protection	IP 65	
Electrical connection	plug DIN 43650-A / ISO 4400	
Materials medium-contact	<i>Brass construction:</i> CW614N nickelled, 1.4301, 1.4571, Spansil (NBR), hard ferrite, NBR	<i>Stainless steel construction:</i> 1.4305, 1.4571, Hard ferrite, FKM
Non-medium-contact materials	ABS, PA, NBR	
Weight	0.35 kg	
Installation location	horizontal installation	

Dimensions



Handling and operation

- When tightening the union nut, the connection piece must be countered using an open-ended spanner (SW 19).
- 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

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NW3 -

1. Connection size	
020	threaded connection G ¾A
025	threaded connection G 1 A
2. Process connection	
H	screw-in thread
3. Connection material	
M	brass
K	stainless steel

Options

- Connection for round plug connector M12x1, 4-pole
- Float ball PVDF
- Float cylinder stainless steel
- Signal lamp red or red/green with plug DIN 43650-A