

**Product Information**

**NW3-020HM / K**

**Level Switch NW3**

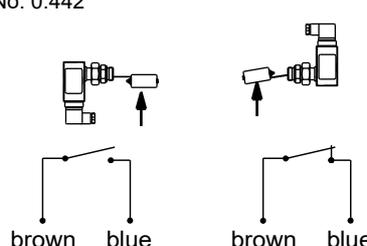


- Highly reproducible
- Normally open or normally closed contact
- Plug connection

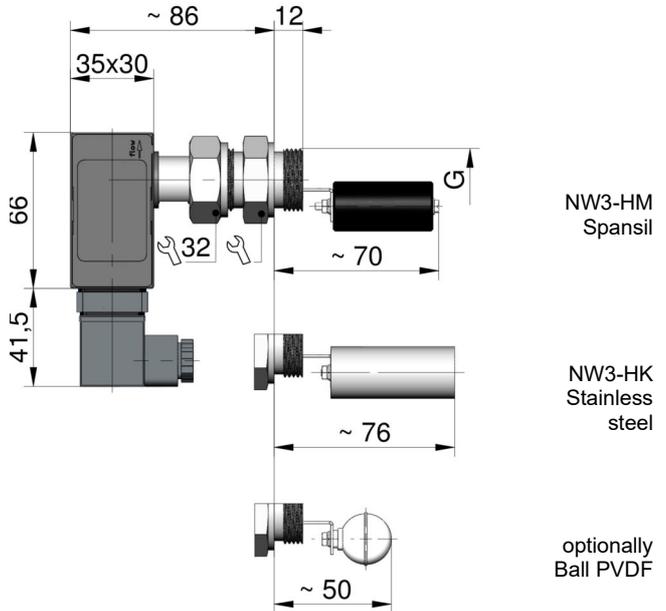
**Characteristics**

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

**Technical data**

<b>Switch</b>	reed switch	
<b>Process connection</b>	male thread G 3/4 A; G 1 A	
<b>Density of medium</b>	Spansil float	≥ 0.7 g/cm <sup>3</sup>
	Stainless steel float	≥ 0.9 g/cm <sup>3</sup>
<b>Pressure resistance</b>	Spansil float	PN 25 bar
	Stainless steel float	PN 10 bar
<b>Medium temperature</b>	-20..+110 °C	
<b>Ambient temperature</b>	-20..+70 °C	
<b>Media</b>	water, oils (aggressive media available on request)	
<b>Wiring</b>	'normally open' or 'normally closed' No. 0.442	
		
<b>Switching voltage</b>	max. 230 V AC	
<b>Switching current</b>	max. 1 A	
<b>Switching capacity</b>	Max. 50 VA	
<b>Protection class</b>	2 - safety insulation	
<b>Ingress protection</b>	IP 65	
<b>Electrical connection</b>	plug DIN 43650-A / ISO 4400	
<b>Materials medium-contact</b>	<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
<b>Non-medium-contact materials</b>	ABS, PA, NBR	
<b>Weight</b>	0.35 kg	
<b>Installation location</b>	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**

NW3 -     
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<b>1. Connection size</b>	020	threaded connection G 3/4 A
	025	threaded connection G 1 A
<b>2. Process connection</b>	H	screw-in thread
<b>3. Connection material</b>	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