

## Product Information

MW3-020HM / K

# Level Switch MW3

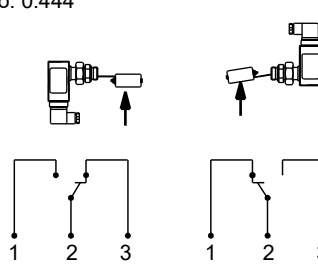


- High switching current
- Highly reproducible
- Transformer
- Plug connection

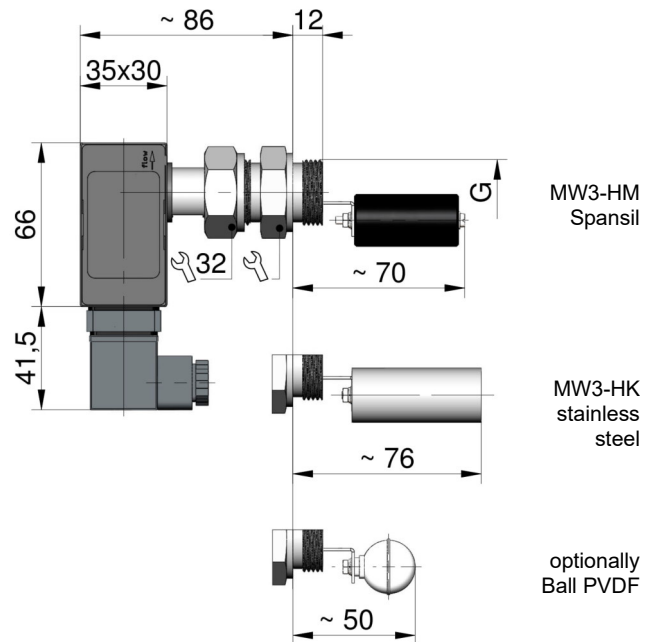
## Characteristics

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

## Technical data

<b>Switch</b>	micro switch	
<b>Process connection</b>	male thread G ¾ A; G 1 A	
<b>Density of medium</b>	Spansil float	≥ 0.7 g/cm³
	Stainless steel float	≥ 0.9 g/cm³
<b>Pressure resistance</b>	Spansil float	PN 25bar
	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>	transformer No. 0.444  	
<b>Switching voltage</b>	max. 250 V AC	
<b>Switching current</b>	max. 5 A	
<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>Wight</b>	0.35 kg	
<b>ocation</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 and inductive 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

MW3 - 1. 2. 3.  
MW3 -  H

<b>1. Connection size</b>	
020	threaded connection G ¾ 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 - 250 V AC, 4 A
- Float ball PV DF
- Float cylinder stainless steel
- Signal lamp red or red/green with plug DIN 43650-A
- Gold contact 125 V AC / 30 V DC, 100 mA