

# NM-007HP, NM-004HK, NM-008HK, NMS-004HM040, NMS-004HM047, NMS-004HM077 Сигнализаторы уровня, класс защиты IP65 GHM MESSTECHNIK



## Технические характеристики

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Киргизия (996)312-96-26-47    Казахстан (772)734-952-31    Таджикистан (992)427-82-92-69

# Level Switch NM-004HK



- Cover or base mounting for monitoring max. or min. level
- normally closed or normally open contact

### Characteristics

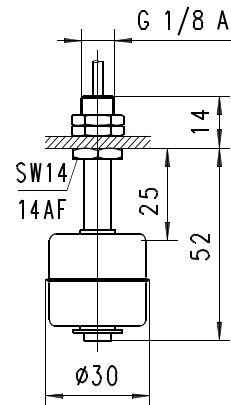
Mechanical level monitor for fluid media, with contact-free triggering of a reed contact.

### Technical data

<b>Switch</b>	reed switch
<b>Process connection</b>	male thread G 1/8 A
<b>Density of medium</b>	≥ 0.75 g/cm <sup>3</sup>
<b>Pressure resistance</b>	PN 10 bar
<b>Medium temperature</b>	-20..+105 °C
<b>Ambient temperature</b>	-20..+55 °C
<b>Media</b>	water, oils
<b>Wiring</b>	'normally open' or 'normally closed' No. 0.442
	<p>the switching function can be modified by changing the float.</p>
<b>Switching voltage</b>	max. 250 V AC
<b>Switching current</b>	max. 0.5 A

<b>Switching capacity</b>	max. 70 VA
<b>Protection class</b>	2 - safety insulation
<b>Ingress protection</b>	IP 65
<b>Electrical connection</b>	cabl 1.5 m
<b>Materials medium-contact</b>	1.4571
<b>Non-medium-contact materials</b>	PVC
<b>Weight</b>	0.06 kg
<b>Installation location</b>	vertical installation position

### Dimensions



Details of float location 25 mm for density 1 g/cm<sup>3</sup>.  
The device is delivered without a seal.

### 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.

### Ordering code

NM - 1. 004 2. H 3. K

<b>1. Connection size</b>	004	threaded connection G 1/8 A
<b>2. Process connection</b>	H	screw-in thread
<b>3. Connection material</b>	K	stainless steel

### Level Switch NM-007HP



- Cover or base mounting for monitoring max. or min. level
- Normally closed or normally open contact

#### Characteristics

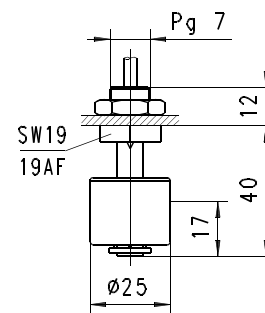
Mechanical level monitor for fluid media, with contact-free triggering of a reed contact.

#### Technical data

<b>Switch</b>	reed switch
<b>Process connection</b>	male thread Pg 7
<b>Density of medium</b>	$^3 0.8 \text{ g/cm}^3$
<b>Pressure resistance</b>	PN 5 bar
<b>Medium temperature</b>	-20..+60 °C
<b>Ambient temperature</b>	-20..+60 °C
<b>Media</b>	water, oil
<b>Wiring</b>	'normally open' or 'normally closed' No. 0.442
	<p>The switching function can be modified by changing the float.</p>
<b>Switching voltage</b>	max. 230 V AC

<b>Switching current</b>	max. 0.5 A
<b>Switching capacity</b>	max. 10 VA
<b>Protection class</b>	2 - safety insulation
<b>Ingress protection</b>	IP 65
<b>Electrical connection</b>	cabl 1.5 m
<b>Materials medium-contact</b>	PP
<b>Non-medium-contact materials</b>	PA, PVC
<b>Weight</b>	0.04 kg
<b>Installation location</b>	vertical installation position

#### Dimensions



Details of float location 17 mm for density  $1 \text{ g/cm}^3$ .  
The device is delivered without a seal.

#### 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.

#### Ordering code

NM - 

1.	007
2.	H
3.	P

<b>1. Connection size</b>	007	threaded connection Pg 7
<b>2. Process connection</b>	H	screw-in thread
<b>3. Connection material</b>	P	PP

# Level Switch NM-008HK

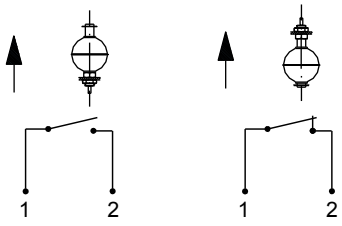


- Cover or base mounting for monitoring max. or min. level
- Normally closed or normally open contact

## Characteristics

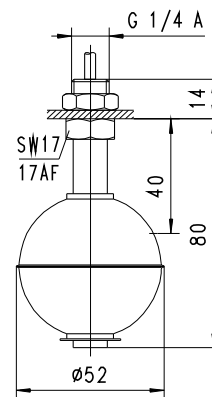
Mechanical level monitor for fluid media, with contact-free triggering of a reed contact.

## Technical data

<b>Switch</b>	reed switch
<b>Process connection</b>	male thread G 1/4 A
<b>Density of medium</b>	≥ 0.7 g/cm <sup>3</sup>
<b>Pressure resistance</b>	PN 40 bar
<b>Medium temperature</b>	-20..+105 °C
<b>Ambient temperature</b>	-20..+55 °C
<b>Media</b>	water, oils
<b>Wiring</b>	'normally opened' or 'normally closed' No. 0.442  the switching function can be modified by changing the float.
<b>Switching voltage</b>	max. 250 V AC
<b>Switching current</b>	max. 1.3 A

<b>Switching capacity</b>	max. 80 VA
<b>Protection class</b>	2 - safety insulation
<b>Ingress protection</b>	IP 65
<b>Electrical connection</b>	cablc 1.5 m
<b>Materials medium-contact</b>	1.4571
<b>Non-medium-contact materials</b>	PVC
<b>Weight</b>	0.13 kg
<b>Installation location</b>	vertical installation position

## Dimensions



Details of float location 40 mm for density 1 g/cm<sup>3</sup>.  
The device is delivered without a seal.

## 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.

## Ordering code

NM - 1. 008 2. H 3. K

<b>1. Connection size</b>	008	threaded connection G 1/4 A
<b>2. Process connection</b>	H	screw-in thread
<b>3. Connection material</b>	K	stainless steel

# Level Switch NMS-004HM40



- Cover or base mounting for monitoring max. or min. level
- Normally closed or normally open contact

### Characteristics

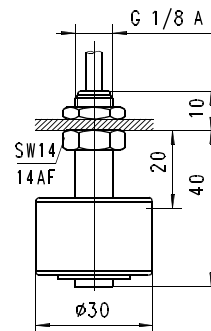
Mechanical level monitor for fluid media, with contact-free triggering of a reed contact.

### Technical data

<b>Switch</b>	reed switch
<b>Process connection</b>	male thread G 1/8 A
<b>Density of medium</b>	$^3 0.4 \text{ g/cm}^3$
<b>Pressure resistance</b>	PN 20 bar
<b>Medium temperature</b>	-20...+105 °C
<b>Ambient temperature</b>	-20...+55 °C
<b>Media</b>	water, oils
<b>Wiring</b>	'normally open' or 'normally closed' No. 0.442
	<p>the switching function can be modified by changing the float.</p>
<b>Switching voltage</b>	max. 300 V AC
<b>Switching current</b>	max. 0.5 A

<b>Switching capacity</b>	max. 70 VA
<b>Protection class</b>	2 - safety insulation
<b>Ingress protection</b>	IP 65
<b>Electrical connection</b>	Cable 1.5 m
<b>Materials medium-contact</b>	CW614N nickelled, Spansil (NBR), bronze
<b>Non-medium-contact materials</b>	PVC
<b>Weight</b>	0.055 kg
<b>Installation location</b>	vertical installation position

### Dimensions



Details of float location 20 mm for density  $1 \text{ g/cm}^3$ .  
The device is delivered without a seal.

### 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.

### Ordering code

NMS - 

1.	004
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2.	H
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3.	M
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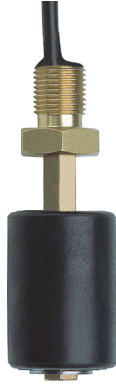
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4.	040
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○=Option

<b>1. Connection size</b>	004	threaded connection G 1/8 A
<b>2. Process connection</b>	H	screw-in thread
<b>3. Connection material</b>	M	brass
<b>4. Length</b>	040	40 mm

# Level Switch NMS-004HM47

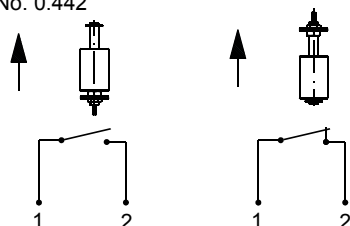


- Cover or base mounting for monitoring max. or min. level
- Normally closed or normally open contact

## 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 1/8 A
<b>Density of medium</b>	<sup>3</sup> 0.4 g/cm <sup>3</sup>
<b>Pressure resistance</b>	PN 12 bar
<b>Medium temperature</b>	-20..+105 °C
<b>Ambient temperature</b>	-20..+55 °C
<b>Media</b>	water, oils
<b>Wiring</b>	'normally open' or 'normally closed' No. 0.442  the switching function can be modified by changing the float.
<b>Switching voltage</b>	max. 300 V AC
<b>Switching current</b>	max. 0.5 A
<b>Switching capacity</b>	max. 70 VA

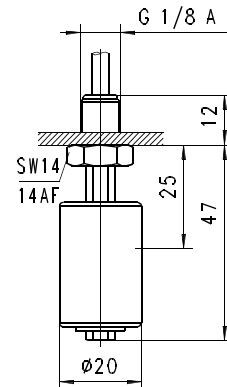
# HONSBERG

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## NMS-004HM47

<b>Protection class</b>	2 -safety insulation
<b>Ingress protection</b>	IP 65
<b>Electrical connection</b>	cabl 1.5 m
<b>Materials medium-contact</b>	CW614N, Spansil (NBR), bronze
<b>Non-medium-contact materials</b>	PVC
<b>Weight</b>	0.065 kg
<b>Installation location</b>	vertical installation position

## Dimensions



Details of float location 25 mm for density 1 g/cm<sup>3</sup>.  
The device is delivered without a seal.

## 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.

## Ordering code

NMS - 

1.	2.	3.	4.
004	H	M	047

○=Option

<b>1. Connection size</b>	004	threaded connection G 1/8 A
<b>2. Process connection</b>	H	screw-in thread
<b>3. Connection material</b>	M	brass
<b>4. Length</b>	047	47 mm

## Level Switch NMS-004HM47

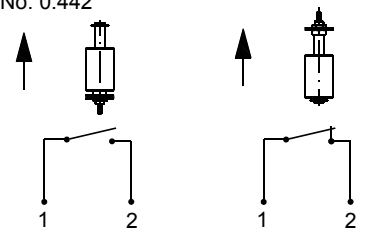


- Cover or base mounting for monitoring max. or min. level
- Normally closed or normally open contact

### Characteristics

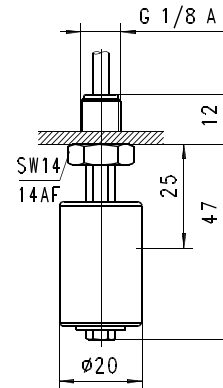
Mechanical level monitor for fluid media, with contact-free triggering of a reed contact.

### Technical data

<b>Switch</b>	reed switch
<b>Process connection</b>	male thread G 1/8 A
<b>Density of medium</b>	<sup>3</sup> 0.4 g/cm <sup>3</sup>
<b>Pressure resistance</b>	PN 12 bar
<b>Medium temperature</b>	-20...+105 °C
<b>Ambient temperature</b>	-20...+55 °C
<b>Media</b>	water, oils
<b>Wiring</b>	'normally open' or 'normally closed' No. 0.442  the switching function can be modified by changing the float.
<b>Switching voltage</b>	max. 300 V AC
<b>Switching current</b>	max. 0.5 A
<b>Switching capacity</b>	max. 70 VA

<b>Protection class</b>	2 - safety insulation
<b>Ingress protection</b>	IP 65
<b>Electrical connection</b>	cablе 1.5 m
<b>Materials medium-contact</b>	CW614N, Spansil (NBR), bronze
<b>Non-medium-contact materials</b>	PVC
<b>Weight</b>	0.065 kg
<b>Installation location</b>	vertical installation position

### Dimensions



Details of float location 25 mm for density 1 g/cm<sup>3</sup>.  
The device is delivered without a seal.

### 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.

### Ordering code

1. 2. 3. 4.  
NMS - 004 H M 047

○=Option

<b>1. Connection size</b>	004 threaded connection G 1/8 A
<b>2. Process connection</b>	H screw-in thread
<b>3. Connection material</b>	M brass
<b>4. Length</b>	047 47 mm

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