

- Level switch for conductive liquids
- Optional electrode length adjustment
- Hygienic installation in accordance with EHEDG
- Wetted parts compatible with FDA requirements
- Potted electronic
- Not influenced by vibrations
- Compact and rugged design
- LED status indicators, red / green



Conductive Level Switch FK 2

Technical Data:

Function:	min / max signal by polarity change of power supply
Output:	DC PNP, max. 30 mA, short-circuit proof
Sensitivity:	2,5 kΩ, 10 kΩ, 50 kΩ
Response time:	approx. 1 s
Supply voltage:	10...30V DC, max. 50 mA, without switching power
Electrode supply:	approx. 2V AC
Ambient temperature:	-10...80 °C
Process temperature:	0...140 °C
Process connection:	Stainless steel 1.4404/1.4301 G ½"
Housing:	Stainless steel 1.4301
Isolation:	PEEK
Probe:	6 mm Ø 1,4404
Tightening torque:	5-10 Nm
Electrical connection:	Connector M12x1, 4-pol, IP 67 2m/5m/10m Cable connection IP 67
Process pressure:	max. 16 bar

Nöding

Meßtechnik

Ordering Code

Process connection and material

- 0 M12x1,5, 1.4301 (on request)
- 1 G1/2", 1.4404 (on request)
- 3 G1/2", 1.4301 Hygiene-connection
- 9 others

Isolation

- 0 PEEK

Probe Material

- 0 Stainless steel 1.4404

Electric Connection

- 0 5m Cable connection, IP 67
- 6 2m Cable connection, IP 67
- A Connector M12x1, 4-poles, IP 67
- H 10m Cable connection, IP 67
- X terminal strip housing (on request)
- 9 others on request

Probe length (mm)

Options

- 0 without
- 1 status LED

FK2 - [] - [] - [] - []

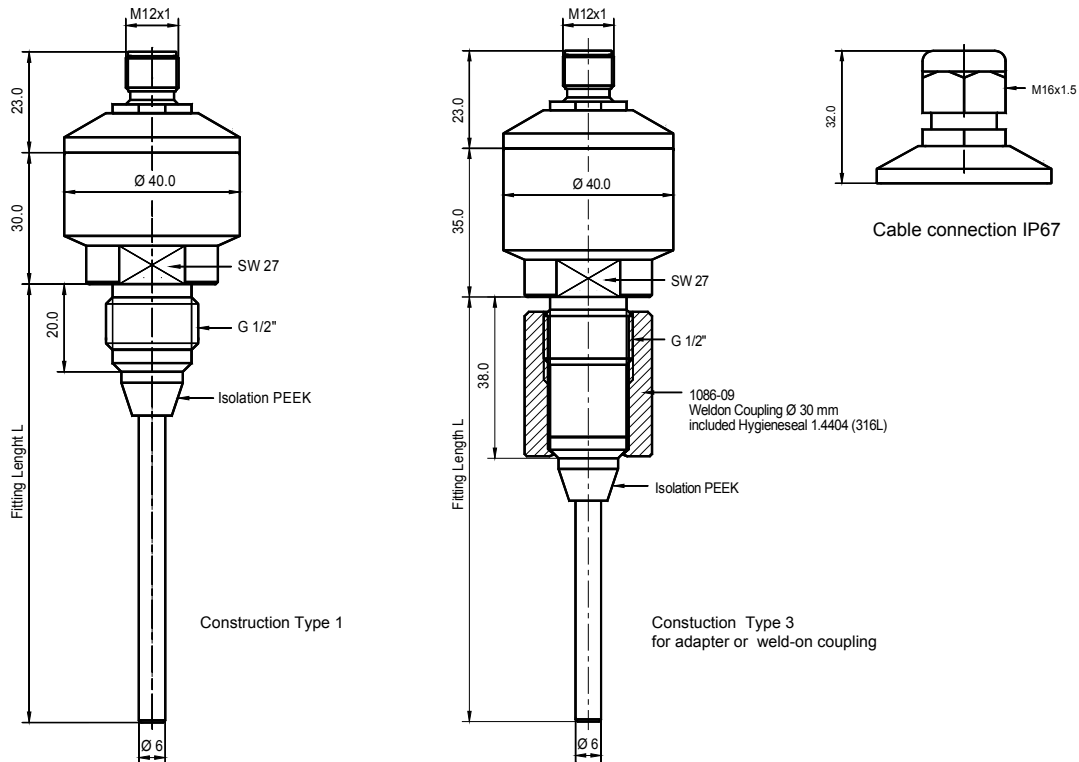
Accessories

Adapter and weld-on connectors

- 1086-01 weld-on coupling Ø 30mm, 1.4404 (316L) with Viton® seal
- 1086-09 weld-on coupling Ø 30mm, 1.4404 (316L) with metallic hygienic seal
- 1086-11 Clamp 1", DN 25...40, 1.4404 (316L)
- 1086-13 Dairy thread DN 25 DIN 11851,1.4404 (316L)
- 1086-14 Dairy thread DN 32 DIN 11851,1.4404 (316L)
- 1086-15 Dairy thread DN 40 DIN 11851,1.4404 (316L)
- 1086-08 Adapter G 1", 1.4404 (316L)

Other adapter on request

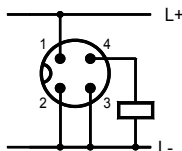
Dimensions (mm)



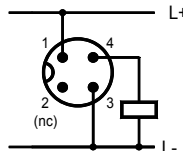
Electric connections

max-function

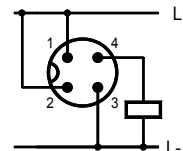
2,5 kOhm



10 kOhm



50 kOhm

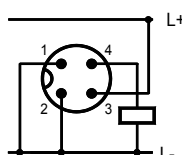


Connector M12

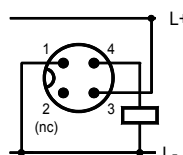
- 1: brown
- 2: white
- 3: blue
- 4: black

min-function

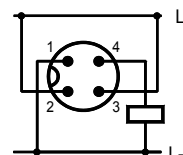
2,5 kOhm



10 kOhm



50 kOhm



Cable connection

- 1: brown
- 2: yellow
- 3: white
- 4: green

Technische Änderungen vorbehalten 11.11