

AFI4-###0.#0#2.0###

Overview

- All-in-One conductivity sensor
- All wetted parts in PEEKCompact, food-safe, hygienic design
- 3-A sanitary standards and FDA-compliant, EHEDG-certified









| Technical data | |
|---|---|
| Performance characteristic | es conductivity |
| Conductivity | 14 selectable ranges |
| Min. measurable conductivity | 50 μS/cm |
| Measuring ranges (selectable) | 0 500 µS/cm 0 1 mS/cm 0 2 mS/cm 0 3 mS/cm 0 5 mS/cm 0 10 mS/cm 0 20 mS/cm 0 30 mS/cm 0 50 mS/cm 0 100 mS/cm 0 200 mS/cm 0 200 mS/cm 0 100 mS/cm 0 1000 mS/cm 0 1000 mS/cm |
| Max. measuring span | 1000 mS/cm |
| Min. measuring span | 500 μS/cm |
| Max. measuring error | ± 1.0 % FSR , 0 1 mS/cm to 0 500 mS/cm ± 1.5 % FSR , 0 1000 mS/cm ± 1.5 % FSR , 0 500 µS/cm |
| Reference conditions for max. measuring error | Sensor incl. transmitter @ 25°C ambient temperature |
| Reference temperature | 25 °C , adjustable |
| Repeatability | < 0.5 % FSR , > 1 mS/cm |
| Compensated temperature range | -20 150 °C |
| Temperature compensation | 0.0 5.0 % FSR/K , adjustable |
| Step response time, T90 | ≤ 2.0 s |
| Sample time | ≤ 0.4 s |

| Performance characteristics | s conductivity |
|--|--|
| Temperature drift (Factor of change in process temperature from 25°C) | ≤ 0.1 % FSR/K |
| Temperature drift (Factor of change in process temperature from 25°C) (0 500 µS / cm) | ≤ 0.3 % FSR/K |
| Performance characteristics | s concentration |
| Concentration | Programmable with FlexProgram |
| Factory set media (avail- able from FlexProgram) | 0 25 % by weight , HNO3 (nitric acid) 36 82 % by weight , HNO3 (nitric acid 0 12 % by weight , NaOH (caustic soda) 25 50 % by weight , NaOH (caustic soda) |
| Customer defined media | Customer defined (30 point lookup table |
| Performance characteristics | s temperature |
| Temperature | Free programmable range |
| Measuring range | -20 150 °C |
| Thermal response time, T90 | ≤ 15 s |
| Max. measuring error | ± 1.5 K 0.3 K , 20 50 °C |
| Reference conditions for max. measuring error | Sensor incl. transmitter @ 25°C ambient temperature |
| Temperature coefficient (Factor of change in pro- cess temperature from 25°C) | ≤ 0.05 % FSR/K |

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| Technical data | |
|---------------------------------------|---|
| Process conditions | |
| Process temperature | -20 140 °C , permanent 140 150 °C , max. t < 1 h |
| Process pressure | ≤ 25 bar |
| SIP/CIP compatibility | < 60 min, @ medium temperature up to 150 $^{\circ}\text{C}$ |
| Process connection | |
| Connection variants | G 1 A hygienic |
| Immersion length | Refer to section "Dimensional drawings" |
| Wetted parts material | PEEK Natura |
| Surface roughness wetted parts | Ra ≤ 0.8 µm |
| Ambient conditions | |
| Operating temperature range | -30 80 °C , with DFON touch screen -40 85 °C , without DFON touch screen |
| Degree of protection (EN 60529) | IP67 IP69K , with appropriate cable |
| Humidity | < 98 % RH , condensing |
| Insulation voltage | 500 V AC |
| Vibration (sinusoidal) (EN 60068-2-6) | 1.0 mm p-p (2 13.2 Hz), 0.7 g (13.2 100 Hz), 1 octave / min. |
| Output signal | |
| Conductivity/Concentration | 4 20 mA |
| Temperature | 4 20 mA |
| Relays | 2 relays included in the display |
| Current rating | 100 mA , max. |
| Interface | With FlexProgrammer 9701 |
| Housing | |
| Style | FlexHousing, Ø80 mm Bottom process connection Rear process connection |
| Overall size | Refer to section "Dimensional drawings" |
| Material | AISI 304 (1.4301) |
| Electrical connection | |
| Connector (available for left side) | M12-A, 4-pin, stainless steel M16x1.5, plastic M16x1.5, stainless steel M20x1.5, plastic M20x1.5, stainless steel |

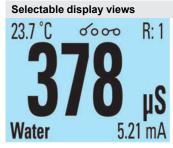
| Electrical connection | |
|--------------------------------------|---|
| Connector (available for right side) | M16x1.5, plastic M16x1.5, stainless steel M20x1.5, plastic M20x1.5, stainless steel M12-A, 4-pin, stainless steel, 4 20 mA output M12-A, 8-pin, stainless steel, 4 20 mA + relay output |
| Power supply | |
| Voltage supply range | 15 35 V DC |
| Current consumption (no load) | 150 mA , max. |
| Power-up time | ≤ 10 s , without DFON touch screen ≤ 16 s , with DFON touch screen |
| Factory settings | |
| Output mode | Conductivity |
| Conductivity Range 1 | 0 200 mS/cm |
| Conductivity Range 2 | 0 20 mS/cm |
| Conductivity Range 3 | 0 2 mS/cm |
| Conductivity Range 4 | 0 500 μS/cm |
| Temperature output | 0 150 °C |
| Output damping | 0.00 s |
| Temperature compensation Range 1-4 | 2.00 % FSR/K |
| Output lower limit | 3.70 mA |
| Output upper limit | 21.00 mA |
| Compliance and approvals | |
| EMC | EN 61326-1 |
| Hygiene | 3-A (74-07) EHEDG EL Class I FDA (21 CFR 177.2415) |
| Safety | cULus listed, E491206 |



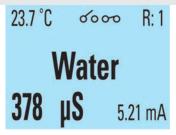
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| perating conditions | | | | | | |
|------------------------------|-----------|-------------|--------------|-------|-----------------|------------------|
| Measuring range | Max. meas | uring error | Conductivity | | Media group | Media |
| $0\ldots500\;\mu\text{S/cm}$ | 1,5 % FSR | 7,5 µS/cm | 55 nS/cm | | | Ultra-pure water |
| 0 1 mS/cm | 1,0 % FSR | 10 μS/cm | 1 μS/cm | | Water | Pure water |
| 0 2 mS/cm | 1,0 % FSR | 20 μS/cm | 10 μS/cm | | | Process water |
| 0 3 mS/cm | 1,0 % FSR | 30 μS/cm | 600 μS/cm | | | Drinking water |
| 0 5 mS/cm | 1,0 % FSR | 50 μS/cm | | | | Beer |
| 0 10 mS/cm | 1,0 % FSR | 100 μS/cm | 1 mS/cm | | Food & Beverage | Milk |
| 0 20 mS/cm | 1,0 % FSR | 200 μS/cm | i mo/cm | AFIX | | Orange juice |
| 0 30 mS/cm | 1,0 % FSR | 300 μS/cm | - | | | Apple juice |
| 0 50 mS/cm | 1,0 % FSR | 500 μS/cm | 10 mS/cm | range | | Phosphoric acid |
| 0 100 mS/cm | 1,0 % FSR | 1 mS/cm | 100 mS/cm | | Process | Hydrochloric aci |
| 0 200 mS/cm | 1,0 % FSR | 2 mS/cm | 1000 mS/cm | | | Sodium hydroxid |
| 0 300 mS/cm | 1,0 % FSR | 3 mS/cm | | | | |
| 0 500 mS/cm | 1,0 % FSR | 5 mS/cm | - | | | |
| 0 1000 mS/cm | 1,5 % FSR | 15 mS/cm | - | | | |

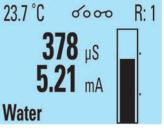
| Display | | | |
|---------------------------------------|----------------------------------|-----------------------------|--|
| General information | | User configurable data | |
| Panel type | FSTN Graphical LCD | Error- / Warning-indication | Individually configurable display and backlight indication in white, green or red colour, steady or flashing light. Configurable limits over the range |
| Display range | -9999 99999 | | |
| Max. digit height | 22 mm | | |
| Material | Polycarbonate | Media description | Customer programmable e.g. "MILK", "Water", "NaOH" |
| Ambient conditions | | Measuring unit | μS/cm |
| Operating temperature range | -30 80 °C | | mS/cm % |
| Optimal readability temperature range | -10 70 °C | | °C °F |
| Degree of protection (EN 60529) | IP 67 IP 69 K | User defined measuring unit | 8 × 20 pixel matrix |
| Input signal | | Relays | |
| Input signal from transmit- | Digital, 2-way for communication | Contacts | 2 x solid state relays |
| ter | between transmitter and display | Max. load current | 75 mA |
| Update time | ≤ 1 s , max. | Max. switching voltage | 60 V |



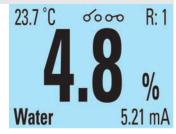
Conductivity value with medium and additional values



Medium with additional values



Bar chart with additional values and medium



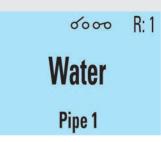
Concentration with additional values and medium

0.3 s , typ.

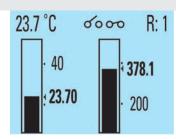
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Conductivity value with measuring point (TAG)



Medium with measuring point (TAG)



Bar chart including temperature



Conductivity and concentration value



White background



Green background



Red background



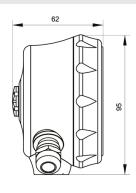
Exemplary error message

Dimensional drawings (mm)

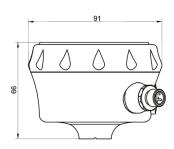
Housing



FlexHousing, available with or without DFON tochscreen



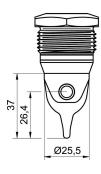
FlexHousing with bottom process connection

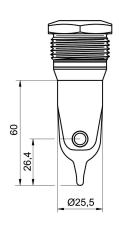


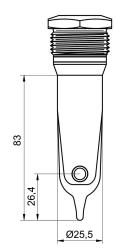
FlexHousing with rear process connection

Dimensional drawings (mm)

Process connection



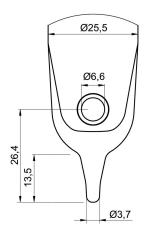




G 1 A hygienic (BCID: A04), PEEK, 37 mm

G 1 A hygienic (BCID: A04), PEEK, 60 mm

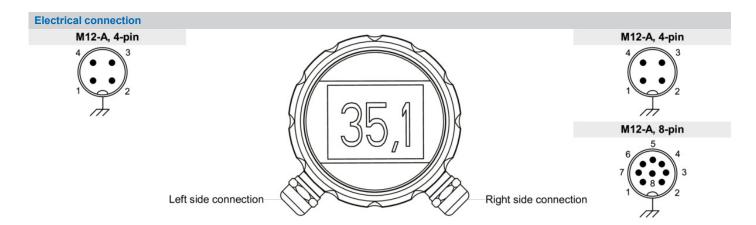
G 1 A hygienic (BCID: A04), PEEK, 83 mm



Sensor tip with integrated Pt100 sensor element



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| Left side cor | nnection (front view | w): M12-A, 4-pin | |
|---------------|----------------------|------------------|----------------|
| Function | | | Pin assignment |
| +Vs | Power supply + | 15 35 V DC | 1 |
| GND (0 V) | Power supply - | 15 35 V DC | 3 |
| lout1+ | Conductivity + | 4 20 mA | 4 |
| lout- | Conductivity - | 4 20 mA | 2 |
| IO-Link | IO-Link / SW | | n.c. |

lout- is internally connected as common for both Conductivity/Concentration and Temperature output.

| Left side connection (front view): M12-A, 5-pin | | | |
|---|----------------|------------|----------------|
| Function | | | Pin assignment |
| +Vs | Power supply + | 15 35 V DC | 1 |
| GND (0 V) | Power supply - | 15 35 V DC | 3 |
| lout1+ | Conductivity + | 4 20 mA | 5 |
| lout- | Conductivity - | 4 20 mA | 2 |
| IO-Link | IO-Link / SW | | 4 |

lout- is internally connected as common for both Conductivity/Concentration and Temperature output.

| Left side co | Left side connection (front view): Cable gland | | | | |
|--------------|--|------------|--------------------|--|--|
| Function | | | Recommended wiring | | |
| +Vs | Power supply + | 15 35 V DC | BN | | |
| GND (0 V) | Power supply - | 15 35 V DC | BU | | |
| lout1+ | Conductivity + | 4 20 mA | BK | | |
| lout- | Conductivity - | 4 20 mA | WH | | |
| IO-Link | IO-Link / SW | | GY | | |

lout- is internally connected as common for both Conductivity/Concentration and Temperature output.

| Right side connection (front view): M12-A, 4-pin | | | | |
|--|----------------|----------------|----------------|--|
| Function | | | Pin assignment | |
| lout2+ | Temperature + | 4 20 mA | 4 | |
| lout- | Temperature - | 4 20 mA | 2 | |
| S1 | External input | n.c. / 24 V DC | 1 | |
| S2 | External input | n.c. / 24 V DC | 3 | |

lout- is internally connected as common for both Conductivity/Concentration and Temperature output.

| Right side connection (front view): M12-A, 8-pin | | | |
|--|----------------|----------------|----------------|
| Function | | | Pin assignment |
| lout2+ | Temperature + | 4 20 mA | 2 |
| lout- | Temperature - | 4 20 mA | 7 |
| S1 | External input | n.c. / 24 V DC | 1 |
| S2 | External input | n.c. / 24 V DC | 8 |
| R11 | Relay 1 | | 5 |
| R12 | Relay 1 | | 6 |
| R21 | Relay 2 | | 3 |
| R22 | Relay 2 | | 4 |

lout- is internally connected as common for both Conductivity/Concentration and Temperature output.

| Right side connection (front view): Cable gland | | | |
|---|----------------|----------------|--------------------|
| Function | | | Recommended wiring |
| lout2+ | Temperature + | 4 20 mA | BN |
| lout- | Temperature - | 4 20 mA | BU |
| S1 | External input | n.c. / 24 V DC | WH |
| S2 | External input | n.c. / 24 V DC | RD |
| R11 | Relay 1 | | GY |
| R12 | Relay 1 | | PK |
| R21 | Relay 2 | | GN |
| R22 | Relay 2 | | YE |

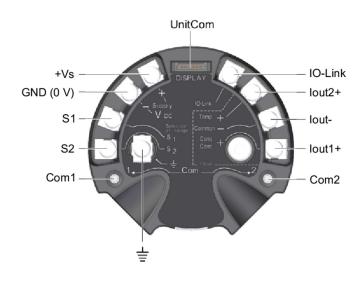
lout- is internally connected as common for both Conductivity/Concentration and Temperature output.

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Electrical connection

Terminal assignment transmitter

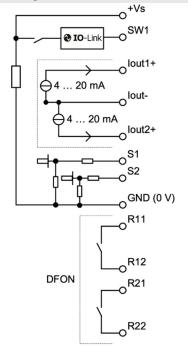
Terminal assignment DFON display





The ground connection is to be connected with the cable shield if using cable gland and shielded cable.

Equivalent circuit diagram





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| Product | AFI AFI | 4 | # 5 6 | 6 7 8 A B | 1 1 3 3 0 | | 1 4 | 0 | # | 2 . | 0 | # | # |
|---|---------|---|-------------|-----------------------|------------------|---|-----|---|---|-----|---|---|---|
| Type Compact version Housing Bottom process connection Rear process connection Electrical connection 2 x M12-A, 4-pin 1 x M12-A, 4-pin + 1 x M12-A, 8-pin 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | AFI | 4 | | 7 8 A B | 1 1 3 3 | | 1 4 | | | | | | |
| Type Compact version Housing Bottom process connection Rear process connection Electrical connection 2 x M12-A, 4-pin 1 x M12-A, 4-pin + 1 x M12-A, 8-pin 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | AFI | 4 | | 7 8 A B | 3 | | 4 | 0 | | | | | |
| Compact version Housing Bottom process connection Rear process connection Electrical connection 2 x M12-A, 4-pin 1 x M12-A, 4-pin + 1 x M12-A, 8-pin 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | 4 | | 7 8 A B | 3 | | 4 | 0 | | | | | |
| Bottom process connection Rear process connection Electrical connection 2 x M12-A, 4-pin 1 x M12-A, 4-pin + 1 x M12-A, 8-pin 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | 4 | | 7 8 A B | 3 | | 4 | 0 | | | | | |
| Bottom process connection Rear process connection Electrical connection 2 x M12-A, 4-pin 1 x M12-A, 4-pin + 1 x M12-A, 8-pin 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display Without display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | 7 8 A B | 3 | | 4 | 0 | | | | | |
| Rear process connection Electrical connection 2 x M12-A, 4-pin 1 x M12-A, 4-pin + 1 x M12-A, 8-pin 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | 7 8 A B | 3 | | 4 | 0 | | | | | |
| Electrical connection 2 x M12-A, 4-pin 1 x M12-A, 4-pin + 1 x M12-A, 8-pin 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | 6 | 7 8 A B | 3 | | 4 | 0 | | | | | |
| 2 x M12-A, 4-pin 1 x M12-A, 4-pin + 1 x M12-A, 8-pin 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | 7 8 A B | 3 | | 4 | 0 | | | | | |
| 1 x M12-A, 4-pin + 1 x M12-A, 8-pin 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | 7 8 A B | 3 | | 4 | 0 | | | | | |
| 2 x M16x1.5 cable gland 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | 8 A B | 3 | | 4 | 0 | | | | | |
| 1 x M16x1.5 + 1 x M20x1.5 cable gland 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | В | 3 | | 4 | 0 | | | | | |
| 2 x M20x1.5 cable gland Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | В | 3 | | 4 | 0 | | | | | |
| Material of el. connection Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration Configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | 3 | | 4 | 0 | | | | | |
| Plastic Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | 3 | | 4 | 0 | | | | | |
| Stainless steel, AISI 304 (1.4301) Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | 3 | | 4 | 0 | | | | | |
| Cable length (cm) No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | ; | | | 4 | 0 | | | | | |
| No cable, compact version Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | 0 | | 4 | 0 | | | | | |
| Display Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | 0 | | 4 | 0 | | | | | |
| Without display With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | 4 | 0 | | | | | |
| With display, with activated relays Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | 4 | 0 | | | | | |
| Safety Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | • | | 0 | | | | | |
| Standard Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | 0 | | | | | |
| Configuration No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | 0 | | | | | |
| No configuration Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | | | | | |
| Configuration of range Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | | | | | |
| Configuration of range + display incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | 0 | | | | |
| incl. 2 relays Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | 1 | | | | |
| Output 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | 3 | | | | |
| 2 x 420 mA Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | | | | | |
| Version Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | | _ | | | |
| Standard Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | | 2 | | | |
| Process connection G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | | | 0 | | |
| G 1 A hygienic, PEEK, length: 37 mm. (A04) | | | | | | | | | | | 0 | | |
| | | | | | | | | | | | | 1 | |
| G 1 A hygienic, FEEK, length. 63 min. (A04) | | | | | | | | | | | | 2 | |
| | | | | | | | | | | | | | |
| G 1 A hygienic, PEEK, length: 60 mm. (A04) | | | | | | | | | | | | 3 | |
| Approvals Standard approvals | | | | | | | | | | | | | 0 |
| Standard approvals | | | | | | | | | | | | | 0 |
| 3-A / EHEDG | | | | | | | | | | | | | 1 |
| Calibration certificate No | | | | | | | | | | | | | |
| Calibration certificate, | | | | | | | | | | | | | |
| conductivity (5 points) | | | | | | | | | | | | | |
| Calibration certificate, | | | | | | | | | | | | | |
| temperature. (3 points) | | | | | | | | | | | | | |
| Calibration certificate, | | | | | | | | | | | | | |
| conductivity (5 points) and temperature (3 points) | | | | | | | | | | | | | |