

technical data

| | |
|------------------------------|----------------|
| process connection | G1/2" hygienic |
| material (process-intrusive) | 316L *1 |
| material isolator | PEEK *2 |
| material casing | 1.4301/1.4305 |
| protection category | IP69K *3 |
| torque | 10Nm...20Nm |
| across flats | AF22 |
| rod 1 diameter | 10mm |

ambient conditions

| | |
|---------------------------|---|
| application area | liquid and gaseous media/ hygienic applications |
| process temperature | 0°C...100°C /CIP/SIP-cleaning: 0°C...150°C (30 min) |
| process pressure | max 10bar |
| ambient temperature/ head | -10°C...+60°C |
| storage temperature | -20°C...+85°C |
| installation instructions | For mounting in a suitable mounting application / series "hygienic connect" |

Miscellaneous

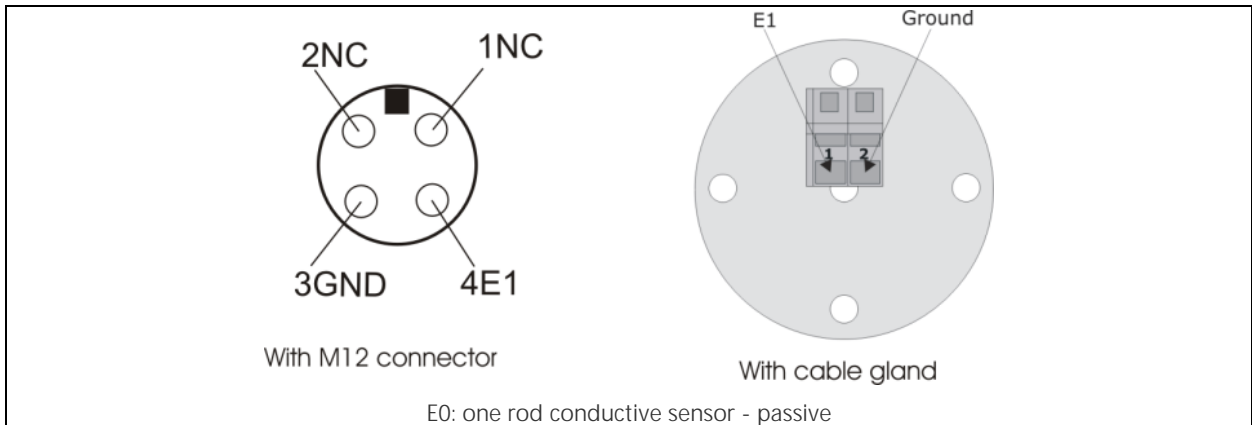
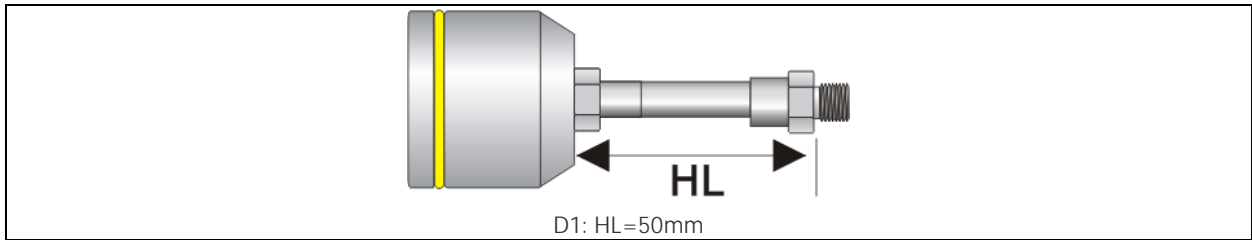
| | |
|-----------|-------------------------|
| labelling | by labelling on housing |
|-----------|-------------------------|

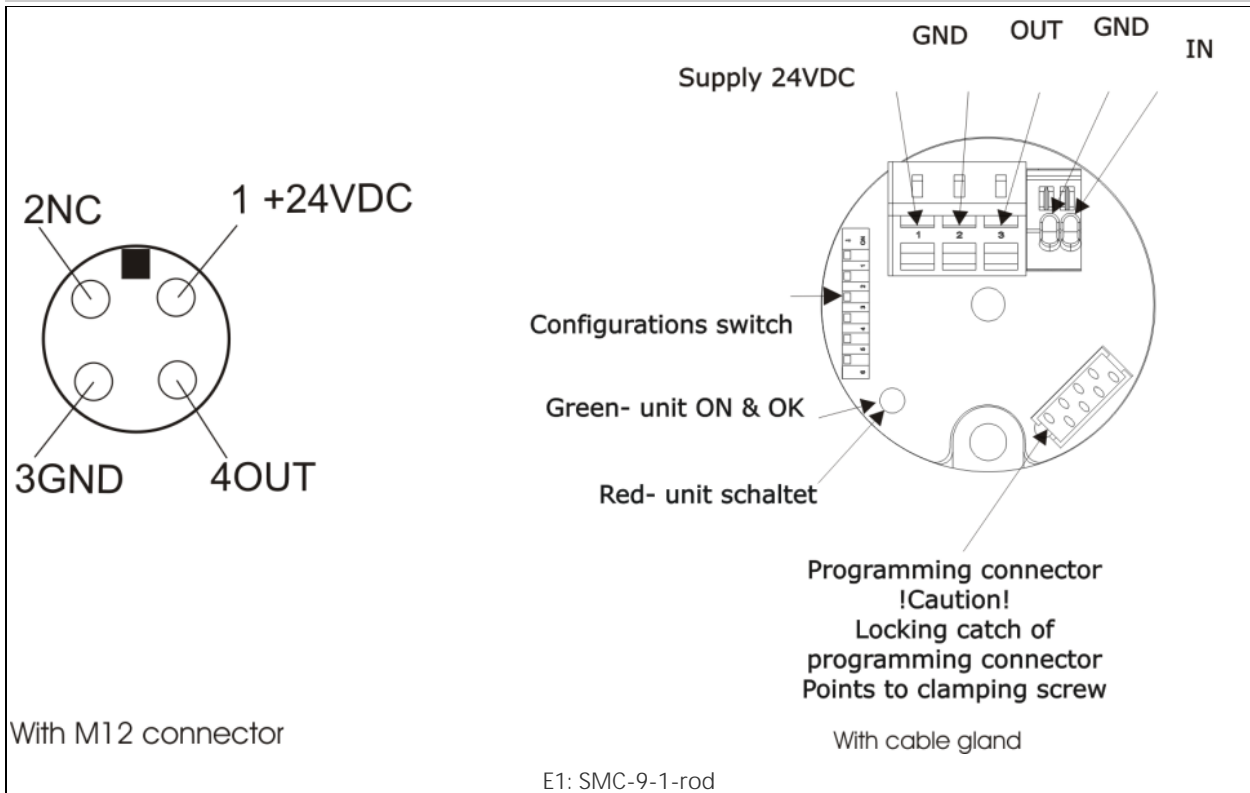


| | |
|-----------|-------------------------------------|
| labelling | by engraving of housing, "batch-no" |
|-----------|-------------------------------------|

Type key configuration

| Pos.: | Physical characteristics | Key | Characteristic |
|-------|--------------------------|-----|---|
| 1 | rod 1 length SL | A0 | 200mm |
| | | A1 | 500mm |
| | | A2 | 1000mm |
| | | A3 | 1500mm |
| 2 | rod 1 coating | B0 | none/blank |
| | | B1 | ETFE *4 |
| 3 | wire break monitoring *5 | C0 | without |
| | | C1 | wire break resistance |
| 4 | spacer | D0 | no spacer |
| | | D1 | HL=50mm |
| 5 | evaluation unit | E0 | one rod conductive sensor - passive |
| | | E1 | SMC-9-1-rod |
| 6 | sensor connection | F0 | cable gland, PA, M16x1,5, clamping range 4,5-10mm |
| | | F1 | M12 connector 4pin, conductive sensor 1 rod |





Existing configurations

| Type | Order number | Item number | Old order number |
|--------|-------------------------------------|-------------|------------------|
| CS1008 | CS1008-A3B1C0D0E1F1 | 800-467 | |

Remarks

!CAUTION! Condensation may occur if the dewpoint is undercut. This may destroy the sensor. In thermal cycling, for example cold jet of water on hot sensor, this may lead to absorption of fluid into the sensor. (list not exhaustive!) (requirements cf. DIN EN 60068-2-14) For applications with dew point, temperature shock, thermal cycling, we recommend a partial or better solid casting. The tightness to IP68 classification does not imply that these parts are suitable for applications with a dew point or temperature shock (DIN 60068-2-14)!

- *1 in contact with product PB
- *2 conform to FDA
- *3 in combination with fitting mating connector
- *4 conform to FDA only up to 120°C
- *5 does only make sense with external evaluation unit

Revision

| Version | Effective from | Comment |
|------------|---------------------|---------------------|
| <u>1.0</u> | 02.10.2013 12:28:07 | Typenblatt angelegt |