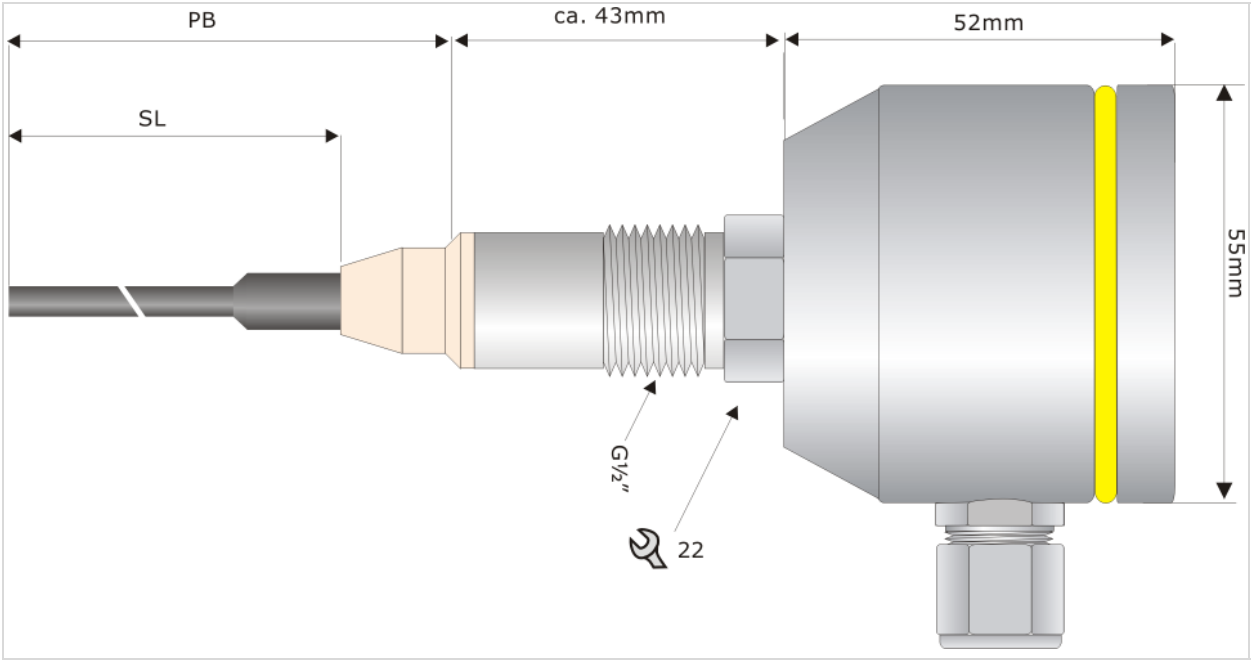
SONTEC

LEVEL: CONDUCTIVE

TYPESHEET: CS1-8



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
accross flats	AF22

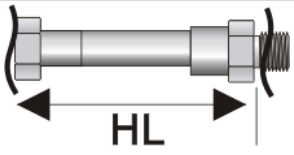
AMBIENT CONDITIONS	
application area	liquid and gaseous media/ hygienic applications
process temperature	0°C...100°C /CIP/SIP-cleaning: 0°C...150°C (30 min)
ambient temperature/ head	-10°C...+60°C
storage temperature	-20°C...+85°C
process pressure	max 10 bar
installation instructions	For mounting in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

MISCELLANEOUS	
labelling	by labelling on housing
	
labelling	by engraving of housing, "batch-no"

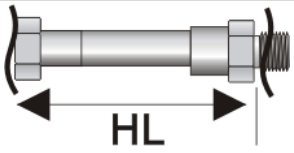
SONTEC

TYPE KEY CONFIGURATION

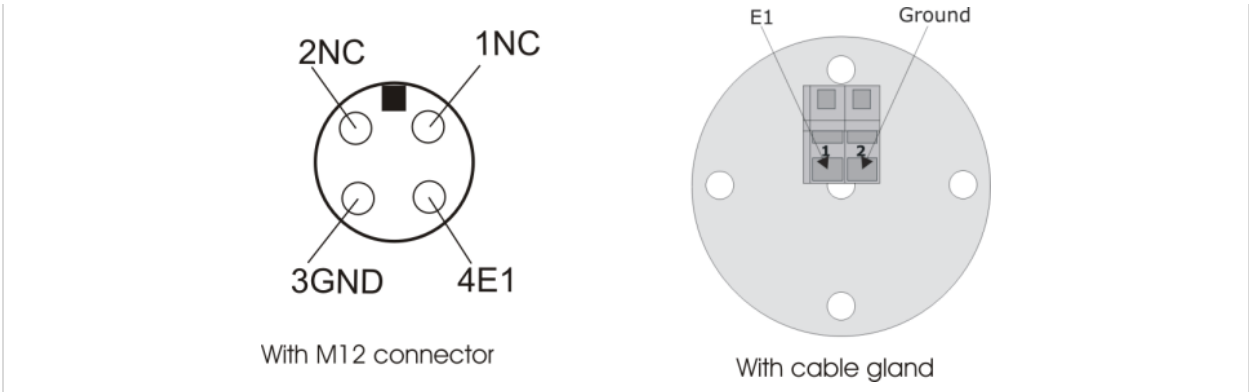
Pos.:	Physical characteristics	Key	Characteristic
1	Stab 1	A0	4mm stub probe
		A1	SL 200mm/ no coating
		A2	SL 200mm/ PFA-coating *2
		A3	SL 500mm/ no coating
		A4	SL 500mm/ PFA-coating
		A5	SL 1000mm/ no coating
		A6	SL 1000mm/ PFA coating
		A7	SL 1500mm/ no coating
		A8	SL 1500/ PFA-coating
		A9	SL 2000mm/ no coating
		A10	SL 2000mm/ PFA-coating
		A11	SL 180mm/ PFA-Beschichtung
		A12	SL 850mm/ PFA-Beschichtung
		A13	SL 900mm/ PFA-Beschichtung
		A14	SL 100mm/ PFA-Beschichtung
		A15	SL 600mm/ ETFE coated *4
		A16	SL 500mm/ETFE coated *4
		A17	SL 1000mm/ ETFE coating *5
		A18	SL 1500mm/ ETFE coating *5
		A19	SL 200mm/ ETFE coating *5
		A20	SL 2000mm/ ETFE coating *5
2	rod 1 diameter	B0	4mm
		B1	8mm
3	wire break monitoring *6	C0	without
		C1	wire break resistance
4	spacer	D0	no spacer
		D1	HL=50mm
		D2	HL=100mm
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



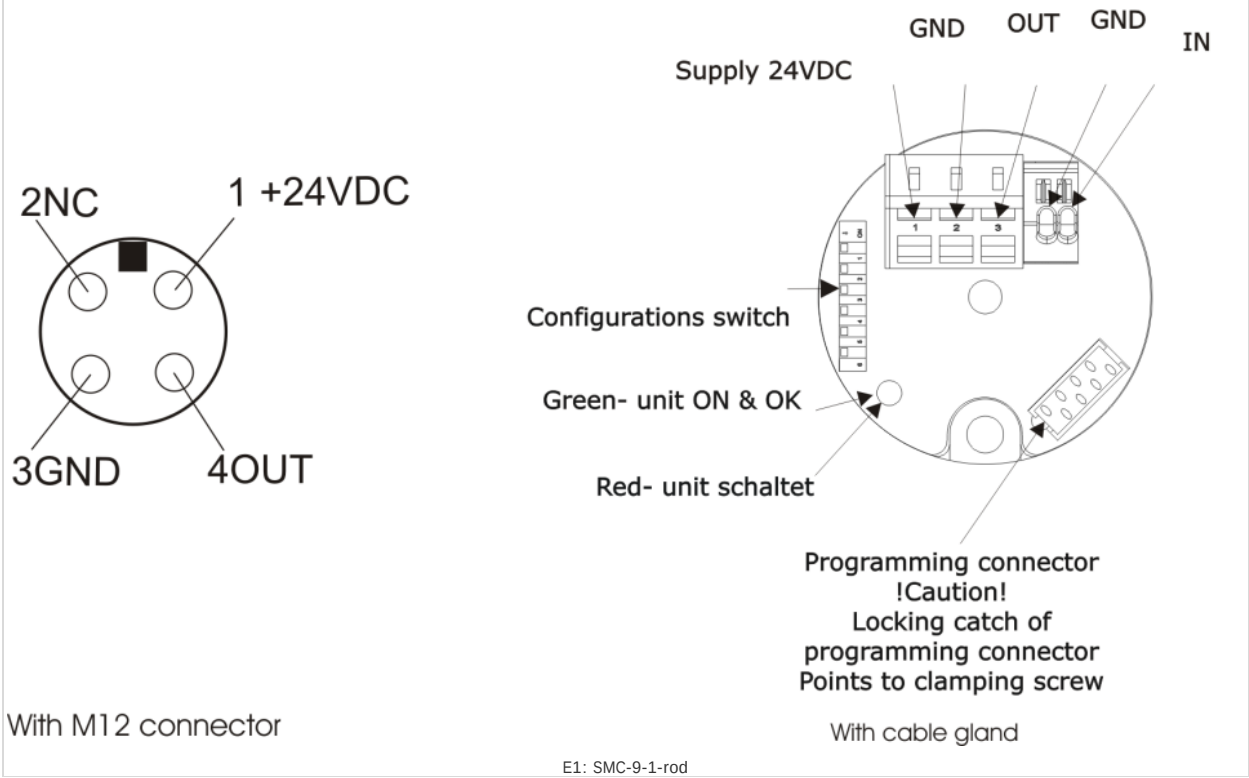
D1: HL=50mm



D2: HL=100mm



E0: one rod conductive sensor - passive



E1: SMC-9-1-rod

EXISTING CONFIGURATIONS

Type	Order number	Item number	Old order number
CS1-8	CS1-8-A4B0C0D0E0F0	800-006	
CS1-8	CS1-8-A11B0C0D0E1F0	800-045	
CS1-8	CS1-8-A12B0C0D0E0F0	800-085	
CS1-8	CS1-8-A2B0C0D0E0F0	800-094	
CS1-8	CS1-8-A6B0C0D0E0F0	800-095	
CS1-8	CS1-8-A14B0C0D0E1F0	800-132	
CS1-8	CS1-8-A13B0C0D1E0F1	800-187	
CS1-8	CS1-8-A4B0C0D0E0F1	800-204	
CS1-8	CS1-8-A2B0C0D0E1F0	800-264	
CS1-8	CS1-8-A13B0C0D0E1F0	800-265	
CS1-8	CS1-8-A6B0C0D0E1F0	800-266	
CS1-8	CS1-8-A2B0C0D0E1F1	800-268	
CS1-8	CS1-8-A6B1C0D0E1F1	800-491	
CS1-8	CS1-8-A6B1C0D0E1F0	800-603	
CS1-8	CS1-8-A15B1C0D0E1F1	800-655	
CS1-8	CS1-8-A16B1C0D0E1F1	800-656	

Type	Order number	Item number	Old order number
CS1-8	CS1-8-A3B0C0D0E0F0	800-666	
CS1-8	CS1-8-A4B1C0D0E1F1	800-673	
CS1-8	CS1-8-A1B0C0D0E0F0	800-681	
CS1-8	CS1-8-A4B1C0D0E0F0	800-840	
CS1-8	CS1-8-A6B1C0D2E0F1	800-964	
CS1-8	CS1-8-A1B0C0D0E1F0	801-096	

REMARKS

!ACHTUNG! Bei Taupunktunterschreitungen kann es zur Kondensatbildung kommen, welche den Sensor zerstören kann. Bei Temperaturwechselbeanspruchungen, z.B. kalter Wasserstrahl auf heißen Sensor, kann es zum Einsaugen von Flüssigkeit in den Sensor kommen.(Aufzählung nicht abschließend!)(Anforderungen vgl. DIN EN 60068-2-14) Bei Applikationen mit Taupunkt-, Temperaturschock-, Temperaturwechselbeanspruchungen empfehlen wir einen Teiloder besser Vollverguss. Die Dichtigkeitseinstufung nach IP68 bedeutet nicht, dass diese Teile für Applikationen mit Taupunktunterschreitungen oder Temperaturschock (DIN 60068-2-14) geeignet sind!

*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 FDA-conformity up to 120°C, conform to EG1935/2004, approved by 10/2011

*6 does only make sense with external evaluation unit

We reserve the right to make technical modifications and correction at any time without prior notice!
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REVISION

Version	Effective from	Comment
3.0	05.12.2018 10:49:35	S-coat entfernt, ETFE hinzugefügt
2.1	29.04.2014 16:36:23	UPDATE Typenschlüssel JME
2.0	28.10.2013 10:53:50	
1.3	08.10.2013 08:07:11	Update Zeichnung JME 08102013
1.2	30.09.2013 10:51:43	Schlüssel erweitert JME30092013
1.1	30.09.2013 10:09:12	Freigabe PSO 27092013
1.0	12.07.2013 15:00:56	Typenblatt angelegt