

Ordering code for SDF
probes

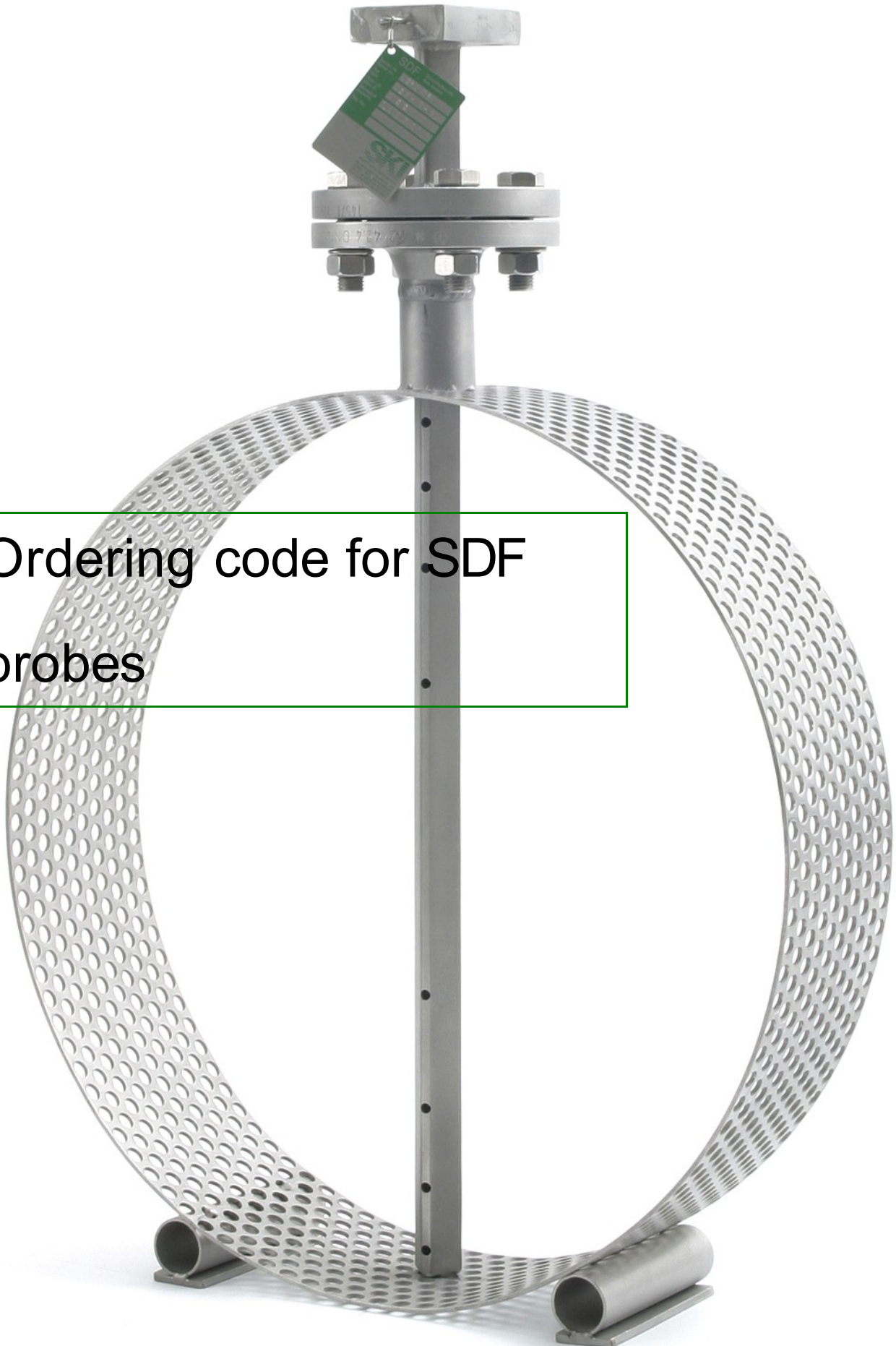


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Ordering code for SDF probes

Table 1: Ordering code for standard probes with flange mounting

Ordering code for standard probes with flange mounting												
SDF	-	-	-	-	-	-	-	-	-	-	-	
											Pipeline mounting	
F											Flange	
FX											Flange, special version	
											Type of profile	
10											Internal diameter: 35-125 mm	
22											Internal diameter: 100-1500 mm	
32											Internal diameter: 400-2500 mm	
50											Internal diameter: 400-6500 mm	
											Internal diameter	
											Value with unit	
											Wall thickness/ +Isolation	
											Value with unit	
											Wetted parts' material	
S											1.4571 (316Ti)	
R											1.4539 (Alloy 904L), with instrument connection R or X	
H											2.4602 (Hastelloy C22), with instrument connection R or X	
HT											2.4816 (Inconel 602), with instrument connection R or X	
X											Special version	
											Mounting parts' material	
C											Carbon steel	
E											1.4571 (316Ti)	
X											Special version	
											End support	
0											Without	
SC											Pipe thread with hood, carbon steel	
SE											Pipe thread with hood, 1.4571	
GF											With flange	
GG											Closed end support	
X											Special version	

Ordering code for SDF probes

Ordering code for standard probes with flange mounting

SDF-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
														Pressure gauge
														PN16, 300lbs or similar
														Instrument connection
N2														Nipple, 1/2-14-NPT male thread
N4														Nipple, 1/4-18-NPT male thread
R2														Nipple, R1/2" male thread
R4														Nipple, R1/4" male thread
R														Small pipe, 12 mm O.D.
S														Hose stem 10,5×1,5
FP														Flange plate for mounting of a 3-way manifold
FPK														Flange plate for mounting of a 3-way manifold, rotated 90° e.g. for installation of Pt100 directly into the probe
FPX														Special direct mounting device, e.g for multi-position tap
X														Special version
														Primary shut-off
0														Without
KE														Ball valves PN40, 1.4401, max. 200°C
AC														Shut-off valves PN420, 1/2" NPT, carbon steel, max. 200°C
AE														Shut-off valves PN420, 1/2" NPT, 1.4571, max. 200°C
ACH														Shut-off valves PN420, welding output, carbon steel, max. 450°C
AEH														Shut-off valves PN420, welding output, 1.4571, max. 550°C
DE1														3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF cadmium-plated, transmitter side metric stainless steel (only with FP)
DE2														3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF stainless steel, transmitter side metric stainless steel (only with FP)
DE3														3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF cadmium-plated, transmitter side 7/16-UNF cadmium-plated (only with FP)
DE4														3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF stainless steel, transmitter side 7/16-UNF stainless steel (only with FP)
X														Special version

Ordering code for standard probes with flange mounting

SDF-	-	-	-	-	-	-	-	-	-	-	-	-	-	
													Special accessoried (multiple choice)	
													0	Without
													VC	1 pair of screw joints for pipe connection 12 mm, carbon steel
													VE	1 pair of screw joints for pipe connection 12 mm, 1.4571
													UC	Multi-position tap PN100 with scavenging connection, carbon steel, max. 200°C
													UE	Multi-position tap PN100 with scavenging connection, 1.4571, max. 200°C
													CH	One-sided purging apertures for compressed air connection (R1/8")
													IH	Inspection and purging apertures (reasonable only with an end support)
													DSE1	3-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side metric stainless steel
													DSE2	3-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side 7/16-UNF stainless steel
													FSC1	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side metric stainless steel
													FSC2	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side 7/16-UNF cadmium-plated
													FSE1	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side metric stainless steel
													FSE2	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side 7/16-UNF stainless steel
													PC	Integrated pressure measurement for transmitter with screw adaptor end, shut-off with manometer shut-off valve PN400, carbon steel, max. 120°C, pressure measurement in mounting part, extra neck extension of 50 mm necessary (without transmitter)
													PE1	Integrated pressure measurement for transmitter with

Ordering code for SDF probes

Ordering code for standard probes with flange mounting

SDF-	-	-	-	-	-	-	-	-	-	-	-	-	-
													screw adaptor end, shut-off with manometer shut-off valve PN400, stainless steel, max. 120°C, pressure measurement in mounting part, extra neck extension of 50 mm necessary (without transmitter)
													PE2 Integrated pressure measurement for transmitter with screw adaptor end, shut-off with manometer shut-off valve PN400, stainless steel, max. 120°C, pressure measurement in flow sensor's flange (without transmitter)
													T1 Integrated temperature measurement with Pt100, Class B, without transmitter, max. PN40
													T2 Integrated temperature measurement with Pt100, Class B, with transmitter 4-20 mA, max. PN40
													T3 Integrated temperature measurement with Pt100, Class B, with transmitter 4-20 mA, Ex-proof, max. PN40
											/		Integrated temperature measurement, thermowell made of 1.4571, measuring length for 22/32/50 probes: 1/3 I.D. + Isolation + 280 mm
											X		Special version
													Pipe run
												H	Horizontal
												V	Vertical (as well as diagonal run)

Table 2: Ordering code for standard probes with welding socket

Ordering code for standard probes with welding socket												
SDF-	-	-	-	-	-	-	-	-	-	-	-	
Pipeline mounting												
M												Welding socket with cutting ring joint
MX												Welding socket with cutting ring joint, special version
Type of profile												
10												Internal diameter: 35-125 mm
22												Internal diameter: 100-1500 mm
Internal diameter												
												Value with unit
Wall thickness/ +Isolation												
												Value with unit
Wetted parts' material												
S												1.4571 (316Ti)
Mounting parts' material												
C												Carbon steel
E												1.4571 (316Ti)
X												Special version
End support												
0												Without
SC												Pipe thread with hood, carbon steel
SE												Pipe thread with hood, 1.4571
X												Special version
Pressure gauge												
												PN16, 300lbs or similar
Process connection												
N2												Nipple, 1/2-14-NPT male thread
N4												Nipple, 1/4-18-NPT male thread
R2												Nipple, R1/2" male thread
R4												Nipple, R1/4" male thread
R												Small pipe, 12 mm O.D.
S												Hose stem 10,5×1,5
FP												Flange plate for mounting of a 3-way manifold
FPK												Flange plate for mounting of a 3-way manifold, rotated 90° e.g. for installation of Pt100 directly into the probe

Ordering code for SDF probes

Ordering code for standard probes with welding socket													
SDF-	-	-	-	-	-	-	-	-	-	-	-	-	
										X			Special version
													Primary shut-off
											0		Without
											KE		Ball valves PN40, 1.4401, max. 200°C
											AC		Shut-off valves PN420, ½" NPT, carbon steel, max. 200°C
											AE		Shut-off valves PN420, ½" NPT, 1.4571, max. 200°C
											ACH		Shut-off valves PN420, welding output, carbon steel, max. 450°C
											AEH		Shut-off valves PN420, welding output, 1.4571, max. 550°C
											DE1		3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF cadmium-plated, transmitter side metric stainless steel (only with FP)
											DE2		3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF stainless steel, transmitter side metric stainless steel (only with FP)
											DE3		3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF cadmium-plated, transmitter side 7/16-UNF cadmium-plated (only with FP)
											DE4		3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF stainless steel, transmitter side 7/16-UNF stainless steel (only with FP)
											X		Special version
													Special accessoried (multiple choice)
												0	Without
												VC	1 pair of screw joints for pipe connection 12 mm, carbon steel
												VE	1 pair of screw joints for pipe connection 12 mm, 1.4571
												UC	Multi-position tap PN100 with scavenging connection, carbon steel, max. 200°C
												UE	Multi-position tap PN100 with scavenging connection, 1.4571, max. 200°C
												CH	One-sided purging apertures for compressed air connection (R1/8")
												IH	Inspection and purging apertures (reasonable only with an end support)
												DSE1	3-way manifold PN420 with ½"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side metric

Ordering code for SDF probes

Ordering code for standard probes with welding socket

SDF-	-	-	-	-	-	-	-	-	-	-	-	-	-
													stainless steel
												DSE2	3-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side 7/16-UNF stainless steel
												FSC1	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side metric stainless steel
												FSC2	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side 7/16-UNF cadmium-plated
												FSE1	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side metric stainless steel
												FSE2	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side 7/16-UNF stainless steel
												T1	Integrated temperature measurement with Pt100, Class B, without transmitter, max. PN40
												T2	Integrated temperature measurement with Pt100, Class B, with transmitter 4-20 mA, max. PN40
												T3	Integrated temperature measurement with Pt100, Class B, with transmitter 4-20 mA, Ex-proof, max. PN40
											/		Integrated temperature measurement, thermowell made of 1.4571, measuring length for 22/32/50 probes: 1/3 I.D. + Isolation + 280 mm
											X		Special version
													Pipe run
												H	Horizontal
												V	Vertical (as well as diagonal run)

Ordering code for SDF probes

Table 3: Ordering code for steam probes with flange mounting

Ordering code for steam probes with flange mounting												
SDF	-	-	-	-	-	-	-	-	-	-	-	
											Pipeline mounting	
DF												Flange
HF												Welded construction, special version
DFX												Flange, special version
											Type of profile	
10												Internal diameter: 35-125 mm
22												Internal diameter: 100-1500 mm
32												Internal diameter: 400-2500 mm
50												Internal diameter: 400-6500 mm
											Internal diameter	
											Value with unit	
											Wall thickness/ +Isolation	
											Value with unit	
											Wetted parts' material	
S												1.4571 (316Ti), max. 450°C
15												1.5415 (15Mo3), max. 540°C
35												1.7335 (13CrMo44), max. 540°C
80												1.7380 (10CrMo910), max. 600°C
X												Special version and other materials
											Mounting parts' material	
C												Carbon steel
E												1.4571 (316Ti)
15												1.4571 (316Ti)
35												1.5415 (15Mo3)
80												1.7380 (10CrMo910)
X												Special version and other materials
											End support	
0												Without
SC												Pipe thread with hood, carbon steel
SE												Pipe thread with hood, 1.4571
GF												With flange
GG												Closed end support
X												Special version and other materials

Ordering code for SDF probes

Ordering code for steam probes with flange mounting													
SDF	-	-	-	-	-	-	-	-	-	-	-	-	
											X		Special version
													Special accessoried (multiple choice)
												0	Without
												VC	1 pair of screw joints for pipe connection 12 mm, carbon steel
												VE	1 pair of screw joints for pipe connection 12 mm, 1.4571
												DSE1	3-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side metric stainless steel
												DSE2	3-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side 7/16-UNF stainless steel
												DWC1	3-way manifold for welding PN400 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side metric stainless steel
												DWC2	3-way manifold for welding PN400 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side 7/16-UNF cadmium-plated
												DWE1	3-way manifold for welding PN400 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side metric stainless steel
												DWE2	3-way manifold for welding PN400 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side 7/16-UNF stainless steel
												FSC1	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side metric stainless steel
												FSC2	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side 7/16-UNF cadmium-plated
												FSE1	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side metric stainless steel
												FSE2	5-way manifold PN420 with 1/2"-NPT socket connections for direct mounting to electrical d/p transmitter,

Ordering code for steam probes with flange mounting

SDF--	-	-	-	-	-	-	-	-	-	-	-	-	-
													1.4404, max. 200°C, screws: transmitter side 7/16-UNF stainless steel
												FWNC1	5-way manifold PN400 for welding with ½"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side metric stainless steel
												FWNC2	5-way manifold PN400 for welding with ½"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 200°C, screws: transmitter side 7/16-UNF cadmium-plated
												FWHC1	5-way manifold PN400 for welding with ½"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 550°C, screws: transmitter side metric stainless steel
												FWHC2	5-way manifold PN400 for welding with ½"-NPT socket connections for direct mounting to electrical d/p transmitter, carbon steel, max. 550°C, screws: transmitter side 7/16-UNF cadmium-plated
												FWNE1	5-way manifold PN400 for welding with ½"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side metric stainless steel
												FWNE2	5-way manifold PN400 for welding with ½"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side 7/16-UNF stainless steel
												FWHE1	5-way manifold PN400 for welding with ½"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 550°C, screws: transmitter side metric stainless steel
												FWHE2	5-way manifold PN400 for welding with ½"-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 550°C, screws: transmitter side 7/16-UNF stainless steel
												PC	Integrated pressure measurement for transmitter with screw adaptor end, shut-off with manometer shut-off valve PN400, carbon steel, max. 120°C, pressure measurement in mounting part, extra neck extension of 50 mm necessary (without transmitter)
												PE1	Integrated pressure measurement for transmitter with screw adaptor end, shut-off with manometer shut-off valve PN400, stainless steel, max. 120°C, pressure measurement in mounting part, extra neck extension of 50 mm necessary (without transmitter)
												PE2	Integrated pressure measurement for transmitter with screw adaptor end, shut-off with manometer shut-off

Ordering code for SDF probes

Ordering code for steam probes with flange mounting													
SDF	-	-	-	-	-	-	-	-	-	-	-	-	
												valve PN400, stainless steel, max. 120°C, pressure measurement in flow sensor's flange (without transmitter)	
											T1	Integrated temperature measurement with Pt100, Class B, without transmitter, max. PN40	
											T2	Integrated temperature measurement with Pt100, Class B, with transmitter 4-20 mA, max. PN40	
											T3	Integrated temperature measurement with Pt100, Class B, with transmitter 4-20 mA, Ex-proof, max. PN40	
										/		Integrated temperature measurement, thermowell made of 1.4571, measuring length for 22/32/50 probes: 1/3 I.D. + Isolation + 280 mm	
											X	Special version	
												Pipe run	
												H	Horizontal
												V	Vertical (as well as diagonal run)

Table 4: Ordering code for FASTLOK probes

Ordering code for FASTLOK probes												
SDF	-	-	-	-	-	-	-	-	-	-	-	
											Pipeline mounting	
AL												FASTLOK L – without draw-out mechanism, max. PN2
AS												FASTLOK S – with draw-out mechanism, max. PN6
AN												FASTLOK N – with draw-out mechanism, max. PN16
AM												FASTLOK HD – with draw-out mechanism, max. PN64
AX												Special version
											Type of profile	
10												Internal diameter: 35-125 mm
22												Internal diameter: 100-1500 mm
32												Internal diameter: 400-2500 mm
50												Internal diameter: 400-6500 mm
											Internal diameter	
											Value with unit	
											Wall thickness/ +Isolation	
											Value with unit	
											Wetted parts' material	
										S	1.4571 (316Ti)	
										R	1.4539 (Alloy 904L), with instrument connection R or X	
										H	2.4602 (Hastelloy C22), with instrument connection R or X	
										HT	2.4816 (Inconel 602), with instrument connection R or X	
										X	Special version	
											Mounting parts' material (welding nipple)	
										C	Carbon steel	
										E	1.4571 (316Ti)	
										X	Special version	
											Packing gland's material	
										G	Graphite	
										U	Urethane	
										X	Special version	
											Process connection	
										N2	Nipple, ½-14-NPT male thread	
										N4	Nipple, ¼-18-NPT male thread	
										R2	Nipple, R½" male thread	

Ordering code for SDF probes

Ordering code for FASTLOK probes

SDF	-	-	-	-	-	-	-	-	-	-	-	-
										R4		Nipple, R $\frac{1}{4}$ " male thread
										R		Small pipe, 12 mm O.D.
										S		Hose stem 10,5×1,5
										FP		Flange plate for mounting of a 3-way manifold
										X		Special version
												Primary shut-off
										0		Without
										KE		Ball valves PN40, 1.4401, max. 200°C
										AC		Shut-off valves PN420, $\frac{1}{2}$ " NPT, carbon steel, max. 200°C
										AE		Shut-off valves PN420, $\frac{1}{2}$ " NPT, 1.4571, max. 200°C
										DE1		3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF cadmium-plated, transmitter side metric stainless steel (only with FP)
										DE2		3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF stainless steel, transmitter side metric stainless steel (only with FP)
										DE3		3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF cadmium-plated, transmitter side 7/16-UNF cadmium-plated (only with FP)
										DE4		3-way manifold, 1.4404. max. 200°C, screws: process side 7/16 UNF stainless steel, transmitter side 7/16-UNF stainless steel (only with FP)
										X		Special version
												Special accessoried (multiple choice)
										0		Without
										VC		1 pair of screw joints for pipe connection 12 mm, carbon steel
										VE		1 pair of screw joints for pipe connection 12 mm, 1.4571
										UC		Multi-position tap PN100 with scavenging connection, carbon steel, max. 200°C
										UE		Multi-position tap PN100 with scavenging connection, 1.4571, max. 200°C
										CH		One-sided purging apertures for compressed air connection (R $\frac{1}{8}$ ")
										DSE1		3-way manifold PN420 with $\frac{1}{2}$ "-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side metric stainless steel
										DSE2		3-way manifold PN420 with $\frac{1}{2}$ "-NPT socket connections for direct mounting to electrical d/p transmitter, 1.4404, max. 200°C, screws: transmitter side 7/16-UNF stainless steel
										X		Special version

Ordering code for FASTLOK probes												
SDF	-	-	-	-	-	-	-	-	-	-	-	Pipe run
											H	Horizontal
											V	Vertical (as well as diagonal run)



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