

Selection and Ordering data		Order-No.	Order code
SITRANS F US SONO 3100 sensor 2-track		F) 7ME3100-	
Diameter	Qn [m³/h]		
DN 100 (4")	28	1 N	
DN 100 (4")	100	1 P	
DN 100 (4")	220	1 R	
DN 125 (5")	44	1 S	
DN 125 (5")	150	1 T	
DN 125 (5")	350	1 V	
DN 150 (6")	64	2 A	
DN 150 (6")	220	2 B	
DN 150 (6")	500	2 D	
DN 200 (8")	110	2 E	
DN 200 (8")	380	2 F	
DN 200 (8")	900	2 H	
DN 250 (10")	180	2 J	
DN 250 (10")	600	2 K	
DN 250 (10")	1300	2 M	
DN 300 (12")	250	2 N	
DN 300 (12")	850	2 P	
DN 300 (12")	2000	2 R	
DN 350 (14")	350	2 S	
DN 350 (14")	1000	2 T	
DN 350 (14")	2800	2 V	
DN 400 (16")	450	3 A	
DN 400 (16")	1300	3 B	
DN 400 (16")	3600	3 D	
DN 500 (20")	1300	3 J	
DN 500 (20")	2200	3 K	
DN 500 (20")	4200	3 M	
DN 600 (24")	1300	3 S	
DN 600 (24")	3200	3 T	
DN 600 (24")	4200	3 V	
DN 700 (28")	2000	4 E	
DN 700 (28")	4200	4 F	
DN 800 (32")	4200	4 N	
DN 800 (32")	5500	4 P	
DN 900 (36")	4200	5 A	
DN 900 (36")	7500	5 B	
DN 1000 (40")	4200	5 J	
DN 1000 (40")	9000	5 K	
DN 1200 (48")	4200	5 S	
DN 1200 (48")	13200	5 T	
Flange norm and pressure rating (All sizes are not available in all pressure ratings)			
System without sensor - only transmitter FUS060 as spare part - settings as defined with this order-no.		A	
<u>EN 1092-1</u>			
PN 10		B	
PN 16		C	
PN 25		D	
PN 40		E	
<u>ANSI B16.5</u>			
class 150		H	
class 300		J	
<u>pipe without flanges</u>			
PN 10		P	
PN 16		Q	
PN 25		R	
PN 40		S	

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Pipe and flange material			
Carbon steel (DN 100 ... 1200)	1		
Stainless steel (DN 100 ... 300)	2		
Transducer type and approval			
IP67 (NEMA 4X/6) PA housing, PN 40, O-ring, 50 mm, 100 °C (212 °F)	1		
IP68 SS housing, PN 40, O-ring, 50 mm, 200 °C (392 °F)	2		
IP68 SS housing, PN 40, O-ring, 50 mm, 190 °C (374 °F), EEx d IIC T3, M20 gland, ATEX approval	3		
IP67 (NEMA 4X/6) PA housing, PN 40, flange, 88 mm, 100 °C (212 °F)	4		
IP68 SS housing, PN 40, flange, 88 mm, 200 °C (392 °F)	5		
IP68 SS housing, PN 40, flange, 88 mm, 190 °C (374 °F), EEx d IIC T3, M20 gland, ATEX approval	6		
IP68 SS housing, PN 40, O-ring, 50 mm, 190 °C (374 °F), EEx i IIC T3, M20 gland, ATEX approval	7		
IP68 SS housing, PN 40, flange, 88 mm, 190 °C (374 °F), EEx i IIC T3, M20 gland, ATEX approval	8		
Cable gland entires			
Cable glands M20 in transducers and in transmitter M25/20/16 x 1.5	1		
Cable glands ½" NPT in transducers and in transmitter	2		
Transmitter SITRANS FUS060			
Without transmitter (only sensor)		A	
IP65 (NEMA 4), 120/230 V AC		N	
IP65 (NEMA 4), 24 V AC/DC		P	
IP65 (NEMA 4), 24 V AC/DC ATEX Ex-d		Q	
Module			
Without transmitter (only sensor)		A	
HART, 1 pulse output, 1 relay		B	
HART EEx [ia], 1 pulse output, 1 relay		C	
PROFIBUS PA, 1 pulse/frequency		D	
PROFIBUS PA, EEx [ia], 1 pulse/frequency		E	
Transducer coax cable			
4 x 3 m, max. 70 °C (158 °F)			0
4 x 15 m, max. 70 °C (158 °F)			1
4 x 30 m, high temp. max. 200 °C (392 °F)			2
4 x 30 m, max. 70 °C (158 °F)			3
4 x 60 m, max. 70 °C (158 °F)			4
4 x 90 m, max. 70 °C (158 °F)			5
4 x 120 m, max. 70 °C (158 °F)			6
4 x 5 m, high temp. max. 200 °C (392 °F)			7
4 x 15 m, high temp. max. 200 °C (392 °F)			8
Please also see www.siemens.com/SITRANSforordering for practical examples of ordering			

F) Subject to export regulations AL: 91999, ECCN: N.

Selection and Ordering data	Order code
Additional information	
Please add „-Z“ to Order No. and specify Order code(s) and plain text.	
<u>Calibration</u>	
Production calibration DN 100 ... DN 1200	Included
Theoretical calibration DN 500 ... DN 1200	
Match pair calibration 2 x 3 points Max. flow 250 ... 1300 m ³ /h depending on dimension (DN 100 ... DN 500)	D03
Match pair calibration 2 x 3 points Max. flow 250 ... 1300 m ³ /h depending on dimension (DN 100 ... DN 500)	D06
Match pair calibration 2 x 3 points Max. flow 1400 ... 4200 m ³ /h depending on dimension (DN 300 ... DN 700)	D07
Match pair calibration 2 x 3 points Max. flow 4200 m ³ /h depending on dimension (DN 800 ... DN 1200)	D08
Accredited Siemens ISO/IEC 17025 calibration Max. flow 250 ... 1300 m ³ /h depending on dimension (DN 100 ... DN 500)	D21
Accredited Siemens ISO/IEC 17025 calibration Max. flow 1400 ... 4200 m ³ /h depending on dimension (DN 300 ... DN 700)	D22
Accredited Siemens ISO/IEC 17025 calibration Max. flow 4200 m ³ /h depending on dimension (DN 800 ... DN 1200)	D23
Accredited - Third party ISO/IEC 17025 calibration Max. flow 250 ... 1300 m ³ /h depending on dimension (DN 100 ... DN 500)	D31
Accredited - Third party ISO/IEC 17025 calibration Max. flow 1400 ... 4200 m ³ /h depending on dimension (DN 300 ... DN 700)	D32
Accredited - Third party ISO/IEC 17025 calibration Max. flow 4300 ... 7000 m ³ /h depending on dimension (DN 800 ... DN 1200)	D33
EN 10204-3.1	F10
EN 10204-3.1 and 100% NDT on weldings, DN 100 ... DN 400	F11
EN 10204-3.1 and 100% NDT on weldings, DN 500 ... DN 700	F12
EN 10204-3.1 and 100% NDT on weldings, DN 800 ... DN 1200	F13
<u>Pressure certificate</u>	
EN 10204-2.3	F21
<u>Tag name plate</u>	
Stainless steel tag with 12 mm characters, max. 15 characters (add plain text)	Y17
Self-adhesive plastic tag with 8 mm characters, max. 15 characters (add plain text)	Y18

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