#### SITRANS FUT1010 (Liquid and Gas)

Selection and Ordering data	Article No.	Order Code
SITRANS FUT1010 (Liquid)	7 ME3 6 2 - 0 - 0	
Transmitter type		
No Transmitter	0	
IP65 NEMA 4X (2 path)	1	
IP65 NEMA 4X (2 path) with MODBUS	2	
IP65 NEMA 4X (3 or 4 path)	3	
IP65 NEMA 4X (3 or 4 path) with MODBUS	4	
IP66 NEMA 7 wall mount/explosionproof (2 Path)	5	
P66 NEMA 7 wall mount/explosionproof (2 Path) with MODBUS	6	
P66 NEMA 7 wall mount/explosionproof (3 or 4 Path)	7	
P66 NEMA 7 wall mount/explosionproof (3 or 4 Path) Iwith MODBUS	8	
Input power		
90 240 V AC	1	
9 36 V DC	2	
Number of ultrasonic paths		
2 path	В	
3 path	C	
4 path	D	
Pipe size		
DN 100 (4") (Dual Path only)	A	
DN 150 (6")(Dual Path only)	В	
DN 200 (8")	C	
DN 250 (10")	D	
DN 300 (12")	<u> </u>	
DN 400 (16")	F	
DN 450 (18")	G	
DN 500 (20")	H	
DN 600 (24")	J	
Flange rating		
Class 150 (Raised Face)	0	
Class 300 (Raised Face) Class 600 (Raised Face)	2	
Upstream/downstream meter run		
None	0	
10 pipe diameter upstream Tube only	1	
10 pipe diameter upstream Tube with flow conditioner	2	
5 pipe diameter downstream tube only	3	
10D up and 5D downstream tubes	4	
10D up and 5D downstream tubes with flow conditioner	5	
Liquid type range (select closest match)		
Water	A	
Multiple Crude Oils	В	
Light Crude only	C	
Heavy Crude only	D	
Multiple Finished Products	E	
Gasolines Only	F	
Kerosene	G	
Jet Fuel	H	
Diesel	J	
Multiple Fuel Oils	K	
Heavy Fuel Oils	L.	
Liquified Gases	M	
Liquid temperature range		
-28 +65 °C (-20 +150 °F )	A B	
1 93 °C (30 200 °F)	B	
Transmitter and sensor approval		
FM/CSA, CE	1	
ATEX and PED, CE, C-TICK	2	
INMETRO	3	

SITRANS FUT1010 (Liquid and Gas)

Selection and Ordering data	Order code
Further designs Please add '-Z' to Article No. and specify Order code(s).	
Cable assembly for flow sensor (add one K., per flow path)	
Cable and termination for one sensor path (see "Sensor cable chart for options")	K
• Termination for user supplied cable	T01
Cable assembly for temperature sensor (only 1 required)	
Cable and termination for temperature sensor (see "Transducer cable chart for options").	R
• Termination for user supplied RTD cable	T31
Nace Certification	
Nace, Spool only	C10
Nace, W/10D upstream	C11
Nace, W/10D upstream, cond	C12
Nace, W/5D downstream	C13
• Nace, W/10D up, 5D dn	C14
• Nace, W/10D up, cond, 5D dn	C15
Standard Cal: Oil (2 cst), Forward flow direction, 6 points, 6 verification points, Range 2 20 ft/sec, Lab pressure and temperature	
• Calibration, 100 DN (4 inch)	D10
• Calibration, 150 DN (6 inch)	D11
Calibration, 200 DN (8 inch)     Callibration, 205 DN (40 inch)	D12
<ul><li>Calibration, 250 DN (10 inch)</li><li>Calibration, 300 DN (12 inch)</li></ul>	D13 D14
• Calibration, 400 DN (16 inch)	D15
• Calibration, 450 DN (18 inch)	D16
• Calibration, 500 DN (20 inch)	D17
• Calibration, 600 DN (24 inch) D18	D18
Calibration, Other contact factory for quote	Y28
<ul> <li>Tag name plate</li> <li>Stainless steel tags with 3.2 mm (0.13 inch) character size (68 characters max.)</li> </ul>	<b>Y</b> 19

This device is shipped with a Quick Start Guide and a CD containing further SITRANS F literature.

All literature is also available for free at: http://www.siemens.com/flowdocumentation

#### SITRANS FUT1010 (Liquid and Gas)

STEANS FUTTIO10 (Gas)   7 MES 8 3	Selection and Ordering data	Article No.	Order Code
No mater	SITRANS FUT1010 (Gas)	7 ME 3 6 3 0	
No mater	Transmitter type		
IPES NEMA AX (2 path) with MODBUS   PES NEMA AX (3 or 4 path)   3	· · · · · · · · · · · · · · · · · · ·	0	
IF65 RIMA 4X (3 or 4 path) with MODBUS	IP65 NEMA 4X (2 path)	1	
IF6S IRMA 4 X (3 or 4 path) with MODBUS   1	IP65 NEMA 4X (2 path) with MODBUS	2	
Fieth RMA 7 wall mount flame(explosion proof (2 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 7 wall mount flame(explosion proof (3 or 4 Path) with MODBUS   Fieth RMA 8 was proof (4 Path) with MODBUS   Fieth RMA 8 was proof (4 Path) with MODBUS   Fieth RMA 8 was proof (4 Path) with MODBUS   Fieth RMA 8 was proof (4 Path) with MODBUS   Fieth RMA 8 was proof (5 Path) with MODBUS   Fieth RMA 8 was proof (5 Path) with MODBUS   Fieth RMA 8 was proof (5 Path) with MODBUS   Fieth RMA 8 was proof (5 Path) with MODBUS   Fieth RMA 8 was proof (5 Path) with MODBUS   Fieth RMA 8 was proof (5 Path) with MODBUS   Fieth RMA 8 was proof (5 Path) with MODBUS   Fieth RMA 9 was proof (5 Path) with MODBUS   Fieth RMA 9 was proof (5 Path) with MODBUS   Fieth RMA 9 was proof (5 Path) with MODBUS   Fieth RMA 9 was proof (5 Path) with MODBUS   Fieth RMA 9 was proof (5 Path) with MODBUS   Fieth RMA 9 was	IP65 NEMA 4X (3 or 4 path)	3	
F66 NEMA 7 well mount flame(explosion proof (2 Path) with MODBUS   6   7   1   1   1   1   1   1   1   1   1	IP65 NEMA 4X (3 or 4 path) with MODBUS	4	
IF66 NEMA 7 well mount flame/explosion proof (3 or 4 Path)   7	IP66 NEMA 7 wall mount flame/explosion proof (2 Path)	5	
Input power	IP66 NEMA 7 wall mount flame/explosion proof (2 Path) with MODBUS	6	
Input power   1	IP66 NEMA 7 wall mount flame/explosion proof (3 or 4 Path)	7	
90 240 V AC 9 38 V DC 2  Number of ultrasonic paths 2 path (standard enclosure material) 3 path (standard material) C c 4 path (standard material) C D D Pipe size	IP66 NEMA 7 wall mount flame/explosion proof (3 or 4 Path) with MODBUS	8	
90 240 V AC 9 38 V DC 2  Number of ultrasonic paths 2 path (standard enclosure material) 3 path (standard material) C c 4 path (standard material) C D D Pipe size	Input power		
9 36 V DC  Number of ultrasonic paths 2 path (standard enclosure material) 3 path (standard material) 4 path (standard material) 7 pipe size DN 100 (4') (Dual Path only) NN 150 (6') (Dual Path only) NN 150 (6') (Dual Path only) NN 150 (6') (Dual Path only) NN 200 (8') NN 200 (8') NN 200 (10') NN 300 (12') NN 300 (12') NN 450 (10') NN 450 (10') NN 450 (10') NN 450 (10') NN 500 (20') NN 500 (20') NN 500 (20') NN 500 (20') NN 500 (24') NN 500	·	1	
2 path (standard enclosure material)       B         3 path (standard material)       C         4 path (standard material)       D         Pipe size         DN 100 (4") (Dual Path only)       A         DN 150 (6")(Dual Path only)       B         DN 250 (10")       D         DN 250 (10")       D         DN 300 (12")       E         DN 450 (16")       G         DN 450 (20")       H         DN 500 (20")       J         Flagsed Face)       1         Class 500 (Raised Face)       1         Class 500 (Raised Face)       1         1 Op pic diameter upstream Tube only       1         1 Op pic diameter upstream Tube with flow conditioner       5	9 36 V DC		
2 path (standard enclosure material)       B         3 path (standard material)       C         4 path (standard material)       D         Pige size         DN 100 (4") (Dual Path only)       A         DN 250 (10")       B         DN 250 (10")       D         DN 300 (12")       E         DN 450 (16")       G         DN 450 (16")       G         DN 500 (20")       H         DN 500 (20")       H         DN 600 (24")       J         Flange rating         Class 300 (Raised Face)       1         Class 600 (Raised Face)       1         Class 600 (Raised Face)       1         Class 600 (Raised Face)       1         Do pipe diameter upstream Tube only       1         10 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter downstream tubes       4         10D up and 5D downstream tubes       4         10 Dup and 5D downstream tubes       6	Number of ultrasonic paths		
3 path (standard material) 4 path (standard material) Pipe size DN 100 (4") (Dual Path only) B	•	В	
### Apth (standard material)   Pipe size	, ,		
DN 100 (4*) (Dual Path only)       A         DN 150 (6*)(Dual Path only)       B         DN 200 (8*)       C         DN 290 (10*)       D         DN 300 (12*)       D         DN 400 (16*)       F         DN 450 (18*)       G         DN 500 (20*)       H         DN 600 (24*)       J         Flange rating         Class 300 (Raised Face)       1         Class 600 (Raised Face)       2         Upstream/downstream meter run         None       0         10 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter downstream tubes only       3         100 up and 5D downstream tubes with flow conditioner       5         Gas type range (select closest match)         Natural Gas (mostly CH <sub>4</sub> )       A         Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)       B         Helium       C         Helium       C         28 +65 °C (20 +150 °F)       A         1 93 °C (30 200 °F)       B         Transmitter and sensor approval         FM/CSA, CE       1         A	·	D	
DN 100 (4*) (Dual Path only)       A         DN 150 (6*)(Dual Path only)       B         DN 200 (8*)       C         DN 290 (10*)       D         DN 300 (12*)       E         DN 400 (16*)       F         DN 450 (18*)       G         DN 500 (20*)       H         DN 600 (24*)       J         Flange rating         Class 300 (Raised Face)       1         Class 600 (Raised Face)       2         Upstream/downstream meter run         None       0         10 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter downstream tubes only       3         100 up and 5D downstream tubes with flow conditioner       5         Gas type range (select closest match)         Natural Gas (mostly CH <sub>4</sub> )       A         Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)       B         Helium       C         Helium       C         28 +65 °C (20 +150 °F)       A         1 93 °C (30 200 °F)       B         Transmitter and sensor approval         FM/CSA, CE       1         A	Pipe size		
DN 150 (6")(Dual Path only)       B         DN 200 (8")       C         DN 250 (10")       D         DN 300 (12")       E         DN 450 (18")       G         DN 500 (20")       H         DN 500 (20")       H         DN 600 (24")       J         Flange rating         Class 300 (Raised Face)       1         Class 300 (Raised Face)       2         Upstream/downstream meter run         None       0         10 pipe diameter upstream Tube only       1         10 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter downstream tubes       4         100 up and 5D downstream tubes with flow conditioner       5         Gas type range (select closest match)         Natural Gas (mostly CH <sub>L</sub> )       A         Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)       B         Helium       C         Helium       C         Class type range (select closest match)       B         Natural Gas (mostly CH <sub>L</sub> )       B         Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)       B         Helium       C         Legal colspan="2">C (20 + 150 °F)       A         1	•	A	
DN 250 (10°) DN 300 (12°) DN 300 (12°) DN 400 (16°) DN 450 (18°) DN 500 (20°) DN 600 (24°) FIange rating Class 300 (Raised Face) Class 600 (Raised Face) Class 600 (Raised Face) Class 600 (Raised Face) 0 1 1 0 pipe diameter upstream Tube only 10 pipe diameter upstream Tube with flow conditioner 5 pipe diameter upstream tube only 10 pipe diameter downstream tubes only 10 pipe diameter downstream tubes 10 up and 5D downstream tubes 4 to 10 up and 5D downstream tubes with flow conditioner  Gas type range (select closest match) Natural Gas (mostly CH₄) Process Gases (N₂, O₂, CO, Ar) Helium Hydrogen  Cas temperature range -28 +65 °C (-20 +150 °F) L 93 °C (30 200 °F)  FIANSMITTER AND SEE ATEX and PED, CE, C-TICK		В	
DN 300 (12")   E	DN 200 (8")	C	
DN 400 (16°)       F         DN 450 (18°)       G         DN 500 (20°)       H         DN 600 (24°)       J         Flange rating         Class 300 (Raised Face)       1         Class 600 (Raised Face)         Upstream/downstream meter run         None       0         10 pipe diameter upstream Tube only       1         10 pipe diameter upstream tube with flow conditioner       2         5 pipe diameter downstream tube only       3         100 up and 5D downstream tubes with flow conditioner       2         5 pipe diameter downstream tubes with flow conditioner       5         Gas type range (select closest match)       3         Natural Gas (mostly CH <sub>4</sub> )       A         Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)       B         Helium       C         Hydrogen       D         Gas temperature range       C         -28 +65 °C (-20 +150 °F)       A         1 93 °C (30 200 °F)       B         Transmitter and sensor approval         FM/CSA, CE       1         ATEX and PED, CE, C-TICK       2	DN 250 (10")	D	
DN 450 (18")       G         DN 500 (20")       H         DN 600 (24")       J         Flange rating         Class 300 (Raised Face)       1         Class 600 (Raised Face)         Upstream/downstream meter run         None       0         10 pipe diameter upstream Tube only       1         10 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter downstream tube only       3         10D up and 5D downstream tubes with flow conditioner       5         Gas type range (select closest match)         Natural Gas (mostly CH <sub>4</sub> )       A         Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)       B         Helium       C         Hydrogen       D         Gas temperature range         -28 +65 °C (-20 +150 °F)       A         1 93 °C (30 200 °F)       B         Transmitter and sensor approval         FM/CSA, CE       1         AIEX and PED, CE, C-TICK       2	DN 300 (12")	E	
DN 500 (20")	DN 400 (16")	F	
DN 600 (24")   J	DN 450 (18")	G	
Flange rating       1         Class 300 (Raised Face)       2         Upstream/downstream meter run       0         None       0         10 pipe diameter upstream Tube only       1         10 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter downstream tube only       3         10 up and 5D downstream tubes with flow conditioner       4         10 up and 5D downstream tubes with flow conditioner       5         Gas type range (select closest match)       A         Natural Gas (mostly CH₄)       A         Process Gases (N₂, O₂, CO, Ar)       B         Helium       C         Hydrogen       D         Gas temperature range       D         -28 +65 °C (-20 +150 °F)       A         1 93 °C (30 200 °F)       B         Transmitter and sensor approval       B         FM/CSA, CE       1         ATEX and PED, CE, C-TICK       1	DN 500 (20")	н	
Class 300 (Raised Face)       1         Class 600 (Raised Face)       2         Upstream/downstream meter run         None       0         10 pipe diameter upstream Tube only       1         10 pipe diameter downstream tube only       3         10D up and 5D downstream tubes with flow conditioner       3         Gas type range (select closest match)       5         Natural Gas (mostly CH4)       A         Process Gases (N2, O2, CO, Ar)       B         Helium       C         Hydrogen       D         Gas temperature range       -28 +65 °C (-20 +150 °F )       A         1 93 °C (30 200 °F)       B         Transmitter and sensor approval       B         FM/CSA, CE       1         ATEX and PED, CE, C-TICK       1	DN 600 (24")	J	
Class 600 (Raised Face)   2	Flange rating		
Upstream/downstream meter run       0         None       0         10 pipe diameter upstream Tube only       1         10 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter downstream tube only       3         10D up and 5D downstream tubes with flow conditioner       4         Gas type range (select closest match)       4         Natural Gas (mostly CH₄)       A         Process Gases (N₂, O₂, CO, Ar)       B         Helium       C         Hydrogen       D         Gas temperature range       -28 +65 °C (-20 +150 °F)       A         1 93 °C (30 200 °F)       B         Transmitter and sensor approval       F         FM/CSA, CE       1         ATEX and PED, CE, C-TICK       2	Class 300 (Raised Face)	1	
None       0         10 pipe diameter upstream Tube only       1         10 pipe diameter upstream Tube with flow conditioner       2         5 pipe diameter downstream tube only       3         10D up and 5D downstream tubes       4         10D up and 5D downstream tubes with flow conditioner       5         Gas type range (select closest match)         Natural Gas (mostly CH₄)       A         Process Gases (N₂, O₂, CO, Ar)       B         Helium       C         Hydrogen       D         Gas temperature range         -28 +65 °C (-20 +150 °F )       A         1 93 °C (30 200 °F)       B         Transmitter and sensor approval         FM/CSA, CE       1         ATEX and PED, CE, C-TICK       2	Class 600 (Raised Face)	2	
10 pipe diameter upstream Tube only 10 pipe diameter upstream Tube with flow conditioner 2 pipe diameter downstream tube only 3 10D up and 5D downstream tubes 4 10D up and 5D downstream tubes with flow conditioner  Gas type range (select closest match) Natural Gas (mostly CH <sub>4</sub> ) Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar) Helium Hydrogen  Gas temperature range -28 +65 °C (-20 +150 °F) 1 93 °C (30 200 °F)  Transmitter and sensor approval FM/CSA, CE ATEX and PED, CE, C-TICK	Upstream/downstream meter run		
10 pipe diameter upstream Tube with flow conditioner  5 pipe diameter downstream tube only  10D up and 5D downstream tubes  4 10D up and 5D downstream tubes with flow conditioner  6as type range (select closest match)  Natural Gas (mostly CH <sub>4</sub> )  Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)  Helium  Hydrogen  6as temperature range  -28 +65 °C (-20 +150 °F)  1 93 °C (30 200 °F)  Transmitter and sensor approval  FM/CSA, CE  ATEX and PED, CE, C-TICK	None	0	
5 pipe diameter downstream tube only 10D up and 5D downstream tubes 10D up and 5D downstream tubes with flow conditioner  Gas type range (select closest match) Natural Gas (mostly CH <sub>4</sub> ) Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar) Helium Hydrogen  Gas temperature range -28 +65 °C (-20 +150 °F) 1 93 °C (30 200 °F)  Transmitter and sensor approval FM/CSA, CE ATEX and PED, CE, C-TICK	10 pipe diameter upstream Tube only	1	
10D up and 5D downstream tubes 10D up and 5D downstream tubes with flow conditioner  Gas type range (select closest match)  Natural Gas (mostly CH <sub>4</sub> )  Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)  Helium Hydrogen  Gas temperature range -28 +65 °C (-20 +150 °F) 1 93 °C (30 200 °F)  Transmitter and sensor approval  FM/CSA, CE ATEX and PED, CE, C-TICK	10 pipe diameter upstream Tube with flow conditioner	2	
ToD up and 5D downstream tubes with flow conditioner  Gas type range (select closest match)  Natural Gas (mostly CH <sub>4</sub> )  Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)  Helium  Hydrogen  Gas temperature range  -28 +65 °C (-20 +150 °F)  1 93 °C (30 200 °F)  Transmitter and sensor approval  FM/CSA, CE  ATEX and PED, CE, C-TICK	·	3	
Gas type range (select closest match)Natural Gas (mostly CH4)AProcess Gases (N2, O2, CO, Ar)BHeliumCHydrogenDGas temperature range-28 +65 °C (-20 +150 °F )1 93 °C (30 200 °F)ATransmitter and sensor approvalBFM/CSA, CE1ATEX and PED, CE, C-TICK2	·		
Natural Gas (mostly $CH_4$ ) Process Gases ( $N_2$ , $O_2$ , $CO$ , $Ar$ ) Helium Hydrogen  Gas temperature range -28 +65 °C (-20 +150 °F) 1 93 °C (30 200 °F)  Transmitter and sensor approval FM/CSA, $CE$ ATEX and PED, $CE$ , $C$ -TICK	10D up and 5D downstream tubes with flow conditioner	5	
Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)  Helium  Hydrogen   Gas temperature range  -28 +65 °C (-20 +150 °F)  1 93 °C (30 200 °F)  Transmitter and sensor approval  FM/CSA, CE  ATEX and PED, CE, C-TICK	Gas type range (select closest match)		
Helium Hydrogen  Gas temperature range -28 +65 °C (-20 +150 °F ) 1 93 °C (30 200 °F)  Transmitter and sensor approval FM/CSA, CE ATEX and PED, CE, C-TICK	Natural Gas (mostly CH <sub>4</sub> )	Α	
Hydrogen  Gas temperature range -28 +65 °C (-20 +150 °F ) 1 93 °C (30 200 °F)  Transmitter and sensor approval FM/CSA, CE ATEX and PED, CE, C-TICK	Process Gases (N <sub>2</sub> , O <sub>2</sub> , CO, Ar)		
Gas temperature range         -28 +65 °C (-20 +150 °F )       A         1 93 °C (30 200 °F)       B         Transmitter and sensor approval       FM/CSA, CE         ATEX and PED, CE, C-TICK       1			
-28 +65 °C (-20 +150 °F )  1 93 °C (30 200 °F)  Transmitter and sensor approval  FM/CSA, CE  ATEX and PED, CE, C-TICK  ATEX and PED, CE, C-TICK	Hydrogen	D	
1 93 °C (30 200 °F)         Transmitter and sensor approval         FM/CSA, CE         ATEX and PED, CE, C-TICK     1 2			
Transmitter and sensor approval FM/CSA, CE ATEX and PED, CE, C-TICK  1 2			
FM/CSA, CE ATEX and PED, CE, C-TICK  1 2	1 93 °C (30 200 °F)	В	
ATEX and PED, CE, C-TICK	Transmitter and sensor approval		
	FM/CSA, CE		
INMETRO 3			2
	INMETRO		3

SITRANS FUT1010 (Liquid and Gas)

Selection and Ordering data	Order code
Further designs Please add '-Z' to Article No. and specify Order code(s).	
Cable assembly for flow sensor (Add one K., per flow path)	
Cable and termination for one sensor path (see "Transducer cable chart for options")	K
• Termination for user supplied cable	T01
Cable assembly for temperature sensor (only 1 required)	
Cable and termination for temperature sensor (see "Transducer cable chart for options").	R
• Termination for user supplied RTD cable	T31
Nace Certification	
Nace, Spool only	C10
Nace, W/10D upstream	C11
Nace, W/10D upstream, cond	C12
Nace, W/5D downstream	C13
• Nace, W/10D up, 5D dn	C14
• Nace, W/10D up, cond, 5D dn	C15
Standard Cal: Nat Gas, Forward flow direction, 7 points, 2 verification points, Range 10 100 ft/sec, Lab pressure and temperature	
• Calibration, 100 DN (4 inch)	D10
• Calibration, 150 DN (6 inch)	D11
<ul><li>Calibration, 200 DN (8 inch)</li><li>Calibration, 250 DN (10 inch)</li></ul>	D12 D13
• Calibration, 300 DN (12 inch)	D13
• Calibration, 400 DN (16 inch)	D15
• Calibration, 450 DN (18 inch)	D16
Calibration, 500 DN (20 inch)     Calibration, 600 DN (04 inch)	D17
<ul><li>Calibration, 600 DN (24 inch)</li><li>Calibration, Other contact factory for quote</li></ul>	D18 Y28
Tag name plate	
Stainless steel tags with 3.2 mm (0.13 inch) character size (68 characters max.)	Y19

Selection and Ordering data	Article No.
Operating Instructions for SITRANS FUT1010 (Gas)	
English NEMA 4X wall mount & NEMA 7 wall mount explosionproof	A5E02639185
German NEMA 4X wall mount & NEMA 7 wall mount explosionproof	A5E03086485

This device is shipped with a Quick Start Guide and a CD containing further SITRANS F literature.

All literature is also available for free at: http://www.siemens.com/flowdocumentation