SITRANS FUT1010 (Liquid and Gas)

Selection and Ordering data	Article No.	Order Code
SITRANS FUT1010 (Liquid)	**7 ME3 6 2 - - - 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	**B**	
3 path	**C**	
4 path	**D**	
Pipe size		
DN 100 (4") (Dual Path only)	**A**	
DN 150 (6")(Dual Path only)	**B**	
DN 200 (8")	**C**	
DN 250 (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 150 (Raised Face)	**0**	
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 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	**B**	
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**	
1 ... 93 °C (30 ... 200 °F)	**B**	
Transmitter and sensor approval		
FM/CSA, CE	**1**	
ATEX and PED, CE, C-TICK	**2**	
INMETRO	**3**	

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)	**D12**
• Calibration, 250 DN (10 inch)	**D13**
• Calibration, 300 DN (12 inch)	**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**
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 (Liquid)	
English NEMA 4X wall mount& NEMA 7 wall mount explosionproof	**A5E02639184**
German NEMA 4X wall mount & NEMA 7 wall mount explosionproof	**A5E03086468**

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)

Selection and Ordering data	Article No.	Order Code
SITRANS FUT1010 (Gas)	**7ME363 - - - 0**	
Transmitter type		
No meter	**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 flame/explosion proof (2 Path)	**5**	
IP66 NEMA 7 wall mount flame/explosion proof (2 Path) with MODBUS	**6**	
IP66 NEMA 7 wall mount flame/explosion proof (3 or 4 Path)	**7**	
IP66 NEMA 7 wall mount flame/explosion proof (3 or 4 Path) with MODBUS	**8**	
Input power		
90 ... 240 V AC	**1**	
9 ... 36 V DC	**2**	
Number of ultrasonic paths		
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 200 (8")	**C**	
DN 250 (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 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 CH_4)	**A**	
Process Gases (N_2, O_2, 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**	
INMETRO	**3**	

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**
• Calibration, 200 DN (8 inch)	**D12**
• Calibration, 250 DN (10 inch)	**D13**
• Calibration, 300 DN (12 inch)	**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**
• Calibration, Other contact factory for quote	**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**

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