


















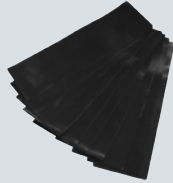




Accessories/Spare parts for clamp-on ultrasonic flowmeters

Description	Order No.		Description	Order No.	
Universal Portable Sensors Selected generally for portable systems where a wide variety of pipes are to be measured. Since they are selected based on diameter only, a wide range of pipe sizes and materials can be covered with a minimum number of sensors. These can also be selected as a cost savings on applications where standard accuracy is sufficient.	7ME3951-...		Mounting Frames These items are useful in simplifying sensor installation. They are strapped to the pipe first then the sensors are installed, making the installation less cumbersome and more precise. They also enable easy repeated mounting of the sensors assuring conformation to the original sensor positioning. They may be left in place at each measurement location where periodic flow surveys are conducted to simplify subsequent installations and ensure repeatable results.	7ME3960-...	
High Precision Sensors Selected generally for dedicated meters since the need to cover a range of pipes is not a requirement. They provide the highest accuracy achievable by the meters and therefore should be selected whenever higher accuracy/repeatability is required. They are only applicable to steel pipes but no other metals, and are selected solely by wall thickness.	7ME3950-...		Spacer Bars Sensors are required to be mounted at a set distance from each other as determined by pipe size and medium being measured. The spacer bar simplifies this requirement by eliminating the need to undertake a precise dimensional measurement. The flowmeter will specify a specific spacing index which is easily accommodated with the marked indices on the bar.	7ME3960-...	
High Temperature Sensors Are selected whenever pipe temperature will exceed 250 °F (120 °C) up to a maximum of 450 °F (232 °C). They are universal type and can therefore be used on any pipe material and are selected by pipe diameter.	7ME3950-...		Clamp-On RTD's 1000 Ω platinum RTD's for use where temperature is required. Used with Energy Meters to record supply/return temperature. For this purpose precision matched pairs (to 0.02 °C) are supplied. Single RTD's are also used with SITRANS FUH and SITRANS FUG meters to enable live calculations of "Liquid" and Standard Volume Correction.	7ME3950-...	
Weld Seal Mount These provide the most secure and strongest mounting of the flow sensors. They are generally selected for "High End" meter types where maximum performance criteria applies. They accommodate high precision sensors designed to mount inside these enclosures. May be welded to the pipe if so desired by the customer. They come in 2-piece or 1-piece configurations depending upon the application pipe size and type (Liquid/Gas).	7ME3960-...		Insert RTD's Are identical to clamp-on RTD's as described above except that they are inserted into the pipe (in a Thermowell). They provide more precise and quicker responding temperature measurement. They are selected when precise temperature measurement of the actual liquid or gas is required as opposed to pipe "skin temperature". Since they project into the pipe they cannot be used in pipeline that undergo periodic "piggings".	7ME3950-...	
Mounting tracks Typically used on smaller pipes for easier and more stable mounting for dedicated universal style sensor size A or B, also available for dedicated high precision sensor size A or B.	7ME3960-...		Standard Cable (Flow Sensor or RTD) Selected for general purpose installations where no special application requirements exist.	7ME3960-...	
			Submersible Cable (Flow Sensor) Polyethylene jacketed, for locations that experience periodic or continual submersion of the flow sensors.	7ME3960-...	


Description	Order No.		Description	Order No.	
Plenum Cable (Flow Sensor or RTD) For temperatures above 180 °F. Teflon jacketed to withstand high temperatures, is used when high temp sensors are specified.	7ME3960-...		Test Block Used for checking operation of a meter and sensors prior to a field installation, or as a troubleshooting tool. Selected by sensor size, each block accommodates 2 sensor sizes. Available only for universal sensors.	7ME3960-...	
Armored Cable (Flow Sensor) Double shielded cable, selected when cable will not be installed in conduit between meter and sensors.	7ME3960-...		Termination Kit (Flow Sensor or RTD) Provides the connectors, labels and shrink tubing or other associated hardware to complete the termination of a specific cable type. These can be provided in cases where users will be purchasing bulk cable directly and cutting to length at their site, or when existing cable length is to be altered. Selected by cable type.	7ME3960-...	
Temperature sensor cable Cable to connect field installed RTD to flow meter, available in Teflon wrapped, plenum or submersible grade. Typically used for SITRANS FUE, FUH and FUG series meters where a temperature sensor is employed.	7ME3960-...				
Straps Used to fasten sensors or mounting frames to pipe for dedicated meter installations. Stainless steel construction for corrosion resistance.	7ME3960-...				
Chains (EZ clamps) Used to fasten portable sensors or mounting frames to pipe. Thumbscrews eliminate need for hand tools when mounting sensors, and allow for easy on/off operations.	7ME3960-...				
Ultrasonic Couplant Fills any voids between sensor emitting surface and pipe wall to allow maximum energy transfer between sensor and pipe. Several different types of couplants are employed as determined by the application conditions and type of installation (Temporary or permanent).	7ME3960-...				
Dry Couplant The dry coupling pad is intended for use in any liquid, clamp-on transit time or Doppler applications that require a more durable coupling material. Installation is easy by simply placing one strip of material between sensor and pipe. Not intended for clamp-on gas where damping material is used. The temperature range is -34 to +200 °C (-30 to +392 °F).	7ME3960-...				
Damping Material Used with gas meters, and required as part of their sensor installation. This material absorbs excess ultrasonic energy from the pipe wall to enable the meter to detect and operate with low amplitude sensor signals normally associated with Clamp-on Gas applications.	7ME3960-...				


Selection and Ordering data	Order No.
<i>Spare parts (System)</i>	
SITRANS F US clamp-on	7ME 3 9 4 0 - 
Power supplies, batteries and chargers	
Power supply 90 ... 240 V AC	
• for IP65 (NEMA 4X) wall mount or IP66 (NEMA 7) wall mount explosionproof	0 P A 0 0
• for IP65 (NEMA 7) compact explosionproof	2 P A 0 0
Power supply 9 ... 36 V DC	
• for IP65 (NEMA 4X) wall mount or IP66 (NEMA7) wall mount explosionproof	0 P B 0 0
• negative ground for NEMA 7 compact explosionproof	2 P J 0 0
• positive ground for NEMA 7 compact explosionproof	2 P K 0 0
Portable meter batteries and accessories	
• Internal battery (Portable meters only)	3 P P 0 0
IP67 Portable meter charger	
• Type A for Europe (CEE7/7)	3 P C 0 0
• Type C for Australia (AS3112)	3 P D 0 0
• Type D for UK (BS1363)	3 P E 0 0
• Type J for Japan (JIS8303)	3 P F 0 0
• Type K for US (NEMA 5-15P)	3 P G 0 0
• Type L for Switzerland (SEV1011)	3 P H 0 0
IP40 Portable meter charger	
• Type A for Europe (CEE7/7)	4 P C 0 0
• Type C for Australia (AS3112)	4 P D 0 0
• Type D for UK (BS1363)	4 P E 0 0
• Type J for Japan (JIS8303)	4 P F 0 0
• Type K for US (NEMA 5-15P)	4 P G 0 0
• Type L for Switzerland (SEV1011)	4 P H 0 0
MODBUS system computer modules	
MODBUS converter module	CQO:1015N-5M
Mounting kit (type 1) for MODBUS converter module	CQO:1015N-5M-MK1
Mounting kit (type 2) for MODBUS converter module	CQO:1015N-5M-MK2
Mounting kit (type 3) for MODBUS converter module	CQO:1015N-5M-MK3
Field configuration kit with manual, for MOD-BUS converter module	CQO:1015N-5M-FK1
Pipe mounting brackets	
2 inch pipe mounting bracket for IP65 (NEMA 7) compact explosionproof	CQO:1012XMB-1
2 inch pipe mounting bracket for IP65 (NEMA 4X) wall mount	CQO:1012NMB-1

Selection and Ordering data		Order No.	
Spare parts (Sensors)			
SITRANS F US clamp-on			
Meter type			
Dedicated (SITRANS FUS1010, FUG1010, FUH1010, FUE1010)	7ME3950-		
Portable (SITRANS FUP1010 or FUE1010)	7ME3951-0		
Approvals			
UL, ULc, CE (Portable only) ¹⁾		0	
FM/CSA hazardous (classified) locations ¹⁾		1	
ATEX Ex II 1G Ex ia IIC T5 (not for RTDs) ¹⁾		2	
INMETRO (not for (RTDs) ¹⁾		3	
Spare sensor code			
For liquid flow sensors pipe ranges please refer to sensor selection chart in the SITRANS FUS1010 section			
Liquid flow sensors for use with mounting frames or tracks (including portable)			
A2 universal		LB	0
B3 universal		LC	0
C3 universal		LD	0
D3 universal		LE	0
E2 universal		LF	0
A1H (high precision)		LG	0
A2H (high precision)		LH	0
A3H (high precision)		LJ	0
B1H (high precision)		LK	0
B2H (high precision)		LL	0
B3H (high precision)		LT	0
C1H (high precision)		LM	0
C2H (high precision)		LN	0
D1H (high precision)		LP	0
D2H (high precision)		LQ	0
D3H (high precision)		LU	0
D4H (high precision)		LR	0
Doppler		LS	0
High precision liquid sensor for weld seal enclosures			
C1H (high precision, weld seal) ²⁾		SM	0
C2H (high precision, weld seal) ²⁾		SN	0
D1H (high precision, weld seal) ²⁾		SP	0
D2H (high precision, weld seal) ²⁾		SQ	0
D3H (high precision, weld seal) ²⁾		SU	0
D4H (high precision, weld seal) ²⁾		SR	0

Selection and Ordering data	Order No.			
<i>Spare parts (Sensors)</i>				
SITRANS F US clamp-on				
Meter type				
Dedicated (SITRANS FUS1010, FUG1010, FUH1010, FUE1010)	7ME3950-			
Portable (SITRANS FUP1010 or FUE1010)	7ME3951-0			
<u>High temperature universal liquid sensors</u>				
Note: not available with INMETRO approval				
High temp. sensor size 1 for up to 230 °C (12.7 to 100 mm diam.)				LA10
High temp. sensor size 2 for up to 230 °C (30 to 200 mm diam.)				LA20
High temp. sensor size 3 for up to 230 °C (150 to 600 diam.)				LA30
High temp. sensor size 4 for up to 230 °C (400 to 1200 diam.)				LA40
<u>For gas flow sensors pipe ranges please refer to sensor selection chart in the SITRANS FUG1010 section</u>				
<u>High precision gas flow sensors for use with mounting frames or tracks</u>				
B1H (high precision) ³⁾				GK0
B2H (high precision) ³⁾				GL0
B3H (high precision) ³⁾				GT0
C1H (high precision) ³⁾				GM0
C2H (high precision) ³⁾				GN0
D1H (high precision) ³⁾				GP0
D2H (high precision) ³⁾				GQ0
D3H (high precision) ³⁾				GU0
D4H (high precision) ³⁾				GR0
<u>High precision gas sensor for weld seal enclosures</u>				
C1H (high precision, weld seal) ³⁾				HM0
C2H (high precision, weld seal) ³⁾				HN0
D1H (high precision, weld seal) ³⁾				HP0
D2H (high precision, weld seal) ³⁾				HQ0
D3H (high precision, weld seal) ³⁾				HU0
D4H (high precision, weld seal) ³⁾				HR0

Selection and Ordering data		Order No.	
<i>Spare parts (Sensors)</i>			
SITRANS F US clamp-on			
Meter type			
Dedicated (SITRANS FUS1010, FUG1010, FUH1010, FUE1010)	7ME3950 -		
Portable (SITRANS FUP1010 or FUE1010)	7ME3951 - 0		
<u>Standard RTD sensors (not for energy systems)</u>			
Standard clamp-on RTD	1TA00		
Submersible clamp-on RTD (not for Portable)	1TB00		
Insertion style RTD pair (size 1), 140 mm (5.5 inch)	1TJ00		
Insertion style RTD pair (size 2), 216 mm (8.5 inch)	1TJ01		
Insertion style RTD pair (size 3), 292 mm (11.5 inch)	1TJ02		
Insertion style RTD pair (size 4), 368 mm (14.5 inch)	1TJ03		
<u>Standard for energy system (matched pair)</u>			
Standard clamp-on RTD with mounting	1TA10		
Insertion style RTD pair (size 1) for SITRANS FUE1010, 140 mm (5.5 inch)	1TJ10		
Insertion style RTD pair (size 2) for SITRANS FUE1010, 216 mm (8.5 inch)	1TJ11		
Insertion style RTD pair (size 3) for SITRANS FUE1010, 292 mm (11.5 inch)	1TJ12		
Insertion style RTD pair (size 4) for SITRANS FUE1010, 368 mm (14.5 inch)	1TJ13		
1) Products are marked with CE as required by european directive.			
2) Temperature Range: T1: 0 T2: 1 T3: 3			
3) T3 range not available.			
Selection and Ordering data		Order No.	
<i>Spare parts (Miscellaneous)</i>			
SITRANS F US clamp-on		7ME3960 -	
Meter design			
IP65 (NEMA 4X) wall mount or IP66 (NEMA 7) wall mount explosionproof			0
IP65 (NEMA 7) compact			2
IP67 weatherproof portable			3
IP40 (NEMA 1) Energy Portable			4
Dedicated sensor mounting hardware			
Sensor mounting tracks (aluminium with mounting straps) for pipes < 125 mm (5 inch)			
• Universal sensor size A or B			0MA00
• High precision sensor size A or B			0MB00
Sensor mounting frames for			
• Universal sensor size B (for pipes >125 mm (5 inch)		CQO:1012FN-PB	
• Universal sensor size C			0MC00
• Universal sensor size D			0MC01
• Universal sensor size E			0MC02
• High precision sensor size B (for pipes > 125 mm (5 inch)		CQO:1012FNH-PB	
• High precision sensor size C			0MD00
• High precision sensor size D			0MD01
Mounting straps for mounting frames (slotted stainless steel)			
• For pipes from DN 50 to DN 150			0SM00
• For pipes from DN 50 to DN 300			0SM10
• For pipes from DN 300 to DN 600			0SM20
• For pipes from DN 600 to DN 1200			0SM30
• For pipes from DN 1200 to DN 1500			0SM40
• For pipes from DN 1500 to DN 2100			0SM50
• For pipes from DN 2100 to DN 3000			0SM60
Spacer bars (for indexing sensors on pipe)			
• Spacer bars for pipes to 200 mm/8 inch (liquid), 600 mm/24 inch (gas)			0MS10
• Spacer bars for pipes to 500 mm/20 inch (liquid), DN 1200/48 inch (gas)			0MS20
• Spacer bars for pipes to 800 mm/32 inch (liquid)			0MS30
• Spacer bars for pipes to 1200 mm/48 inch (liquid) Only use in conjunction with 7ME3960-0MS30			0MS40
Weld seal mounting enclosures for liquid and gas sensors with spacer bar			
• Single enclosure for size C high precision			0WS20
• Single enclosure for size D high precision			0WS30
• Single enclosure for size E universal			0WS40
• Dual enclosure for size C high precision			0WD20
• Dual enclosure for size D high precision			0WD30
• Dual enclosure for size E universal			0WD40

Selection and Ordering data		Order No.
<i>Spare parts (Miscellaneous)</i>		
SITRANS F US clamp-on	7ME 3 9 6 0 -	
Stainless steel straps for weld seal enclosure mounting (2 x required for dual enclosures)		
• Mounting strap for pipe diameter to 300 mm (13 inch)	0 SM 0 1	
• Mounting strap for pipe diameter to 600 mm (24 inch)	0 SM 1 1	
• Mounting strap for pipe diameter to 1200 mm (48 inch)	0 SM 2 1	
• Mounting strap for pipe diameter to 1500 mm (60 inch)	0 SM 3 1	
• Mounting strap for pipe diameter to 2130 mm (84 inch)	0 SM 4 1	
• Mounting strap for pipe diameter to 3050 mm (120 inch)	0 SM 5 1	
Stainless mounting tracks for high temp 991 sensors, with straps		
• Size 1 high temp sensor pair	CQO:992MTNHMSH-1	
• Size 2 high temp sensor pair	CQO:992MTNHMSH-2	
• Size 3 high temp sensor pair	CQO:992MTNHMSH-3	
• Size 4 high temp sensor pair	CQO:992MTNHMSH-4	
Clamp-on RTD mounting hardware for dedicated systems		
• RTD mounting hardware for dedicated system: 152 to 610 mm (6 to 24 inch)	0 MR 0 0	
• RTD mounting hardware for dedicated system: 12.7 to 50.8 mm (0.5 to 2 inch)	0 MR 0 1	
• RTD mounting hardware for dedicated system: 31.8 to 203.2 mm (1.25 to 8 inch)	0 MR 0 2	
• RTD mounting hardware for dedicated system: 508 to 1219 mm (20 to 48 inch)	0 MR 0 4	
• Junction box for clamp on RTD's	CQO:992ECJ	
Portable sensor mounting hardware		
Sensor mounting tracks for portable sensors (aluminum with mounting chains) for pipes < 125 mm (5 inch) for		
• Universal sensor size A or B	3 MA 0 0	
• High precision sensor size A or B	3 MB 0 0	
Sensor mounting frames		
• Universal sensor size B (for pipes >125 mm (5 inch)	CQO:1012FP-PB	
• Universal sensor size C	3 MC 0 0	
• Universal sensor size D	3 MC 0 1	
• Universal sensor size E	3 MC 0 2	
• High precision sensor size B (for pipes > 125 mm (5 inch)	CQO:1012FPH-PB	
• High precision sensor size C	3 MD 0 0	
• High precision sensor size D	3 MD 0 1	
Spacer bar (for indexing portable sensors	3 MS 0 0	
Mounting chain and EZ clamp hardware		
• EZ clamp hardware set for DN 25 to DN 600 (1 to 24 inch); handles all transducers except "D" size HP and "E" size univ.	CQO:1012Z-1	
• EZ clamp hardware set for DN 25 to DN 600 (1 to 24 inch) for "D" size HP and "E" size universal	CQO:1012Z-2	
• Mounting chain for portable sensors: 4 x 760 mm lengths	3 CM 1 0	
• Mounting chain for portable sensors: 2 x 760 mm and 2 x 1500 mm lengths	3 CM 2 0	

Selection and Ordering data		Order No.
<i>Spare parts (Miscellaneous)</i>		
SITRANS F US clamp-on	7ME 3 9 6 0 -	
RTD mounting hardware for portable system		3 MR 0 0
Sensor connector adaptors		
• "F" connector to BNC adapter (order 2 per sensor set)	CQO:1012NFPA	

Selection and Ordering data		Order No.	
<i>Spare parts (Miscellaneous)</i>		<i>Spare parts (Miscellaneous)</i>	
SITRANS F US clamp-on	7ME3960 -	SITRANS F US clamp-on	7ME3960 -
Insert RTD Thermowells		Ultrasonic couplants	
<ul style="list-style-type: none"> Thermowell std. duty uninsulated pipe 140 mm (5.5 inch) 	CQO:1012TW-1	<ul style="list-style-type: none"> Temporary water based for portable systems: 350 ml (12 oz): -34 ... +38 °C (-30 ... +100 °F) 	0UC10
<ul style="list-style-type: none"> Thermowell std. duty uninsulated pipe 216 mm (8.5 inch) 	CQO:1012TW-2	<ul style="list-style-type: none"> Permanent synthetic polymer based: 90 ml (3 oz) -40 ... +190 °C (-40 ... +375 °F) 	0UC20
<ul style="list-style-type: none"> Thermowell std. duty uninsulated pipe 292 mm (11.5 inch) 	CQO:1012TW-3	<ul style="list-style-type: none"> Permanent high temp fluoroether: -40 ... +230 °C (-40 ... +450 °F) 	0UC30
<ul style="list-style-type: none"> Thermowell std. duty with lagging 140 mm (5.5 inch) 	CQO:1012TW-1L	<ul style="list-style-type: none"> Permanent vulcanizing silicone rubber couplant: 90 ml (3 oz): -40 ... +120 °C (-40 ... +250 °F) 	CQO:CC112
<ul style="list-style-type: none"> Thermowell std. duty with lagging 216 mm (8.5 inch) 	CQO:1012TW-2L	<ul style="list-style-type: none"> Permanent high temp silicone grease: 12 ml (0.4 oz): -40 ... +230 °C (-40 ... +450 °F) 	CQO:CC117
<ul style="list-style-type: none"> Thermowell std. duty with lagging 292 mm (11.5 inch) 	CQO:1012TW-3L	<ul style="list-style-type: none"> Permanent high temp silicone grease: 150 ml (5 oz): -40 ... +230 °C (-40 ... +450 °F) 	CQO:CC117A
Sensor cables for		<ul style="list-style-type: none"> Couplant for submersible sensor applications 	CQO:CC120
(Use "Sensor cable selection chart" to complete Order No. with ##)		<ul style="list-style-type: none"> Dry coupling pads (qty of 10): -34 to +200 °C (-30 to +392 °F) 	0UC40
<ul style="list-style-type: none"> IP65 (NEMA 4X) wall mount or IP 66 (NEMA 7) wall mount explosionproof 	0CK##	Pipe damping films for SITRANS FUG gas systems (For one pair of sensors)	
<ul style="list-style-type: none"> IP65 (NEMA 7) compact explosionproof 	2CK##	<ul style="list-style-type: none"> B1, B2, B3, C1 and C2 sensors 	0DM10
<ul style="list-style-type: none"> IP67 Weatherproof portable 	3CK##	<ul style="list-style-type: none"> D1 and D3 sensors 	0DM20
<ul style="list-style-type: none"> IP40 (NEMA 1) Portable 	4CK##	<ul style="list-style-type: none"> D2 sensor 	0DM30
RTD cables for		<ul style="list-style-type: none"> D4 sensor 	0DM40
(Use "Sensor cable selection chart" to complete Order No. with ##)		Serial RS 232 Cables and I/O Adapters	
<ul style="list-style-type: none"> All dedicated systems 	0CR##	<ul style="list-style-type: none"> RS 232 Cable for all dedicated meters 	0CS00
<ul style="list-style-type: none"> IP67 Weatherproof portable 	3CR##	<ul style="list-style-type: none"> RS 232 Cable for IP66 weatherproof portable meter 	3CS00
<ul style="list-style-type: none"> IP40 (NEMA 1) Portable 	4CR##	<ul style="list-style-type: none"> RS 232 Cable for IP40 Portable meter 	4CS00
Dedicated cable termination kits		<ul style="list-style-type: none"> I/O adapter for IP66 Weatherproof portable meter 	3AD00
<ul style="list-style-type: none"> Standard, plenum and armored sensor cable (NEMA 4X wall mount and NEMA 7 wall mount explosionproof) 	0CT01	Universal Sensor Test Blocks	
<ul style="list-style-type: none"> Submersible sensor cable (NEMA 4X wall mount and NEMA 7 wall mount explosionproof) 	0CT11	<ul style="list-style-type: none"> Test block for size A and B universal sensors 	0TB10
<ul style="list-style-type: none"> Standard and plenum sensor cable (SITRANS FST020) 	1CT01	<ul style="list-style-type: none"> Test block for size C and D universal sensors 	0TB20
<ul style="list-style-type: none"> Standard, plenum and armored sensor cable (NEMA 7 compact explosionproof) 	2CT01	Field Manuals	
<ul style="list-style-type: none"> Submersible sensor cable (NEMA 7 compact explosionproof) 	2CT11	<ul style="list-style-type: none"> CD with documentation for SITRANS F US Clamp-on ultrasonic flowmeters (English) 	A5E02830664-03
<ul style="list-style-type: none"> Clamp-on RTD cable termination kit for standard RTD 	0CT21		
<ul style="list-style-type: none"> Clamp-on RTD cable termination kit for submersible RTD 	0CT31		
<ul style="list-style-type: none"> Insert RTD cable termination kit 	0CT41		

Sensor cable selection chart (Dedicated, pair)

Sensor cable codes for length and type options				
Cable length m (ft)	Standard -40...+80 °C (-40...+176 °F)	Submersible -40...+80 °C (-40...+176 °F)	Plenum -40...+200 °C (-40...+392 °F)	Armored -40...+80 °C (-40...+176 °F)
Order code				
6 (20)	K01	K11	K21	K31
15 (50)	K02	K12	K22	K32
30 (100)	K03	K13	K23	K33
46 (150)	K04	K14	K24	K34
61 (200)	K05	K15	K25	K35
91 (300)	K06	K16	K26	K36

Sensor cable selection chart (SITRANS FUP1010, FUE1010 Portable, pair)

Sensor cable codes for length and type options		
Cable length m (ft)	Standard -40 ... + 80 °C (-40 ... +176 °F)	Plenum -40 ... + 200 °C (-40 ... +392 °F)
Order Code		
6 (20)	K01	K21 ¹⁾
15 (50)	K02	K22 ¹⁾
30 (100)	K03 ¹⁾	K23 ¹⁾

RTD cable selection chart (Dedicated, each)

RTD cable codes for length and type				
Cable length m (ft)	Standard -40 ... +200 °C (-40 ... +392 °F)	Submersible -40 ... +200 °C (-40 ... +392 °F)	for insert RTD -40 ... +200 °C (-40 ... 392 °F)	for submersible insert RTD -40 ... +200 °C (-40 ... 392 °F)
Order code				
6 (20)	R01	R11	R21	R31
15 (50)	R02	R12	R22	R32
30 (100)	R03	R13	R23	R33
46 (150)	R04	R14	R24	R34
61 (200)	R05	R15	R25	R35
91 (300)	R06	R16	R26	R36

RTD cable selection chart (SITRANS FUP1010 each)

RTD cable codes for length and type options	
Cable length m (ft)	IP67, IP40 -40 ... + 200 °C (-40 ... +392 °F)
Order Code	
6 (20)	R11
15 (50)	R12
30 (100)	R13 ¹⁾

¹⁾ Not for FUE1010 portable.

Accessories - Standard MLFB offering

Description	Order No.
Insert RTD size 1	7ME3950-1TJ10
Thermowell size 1 w/lagging	CQO:1012TW-1L
EZ Clamp 1 ... 24 inch	CQO:1012Z-1
Junction Box for Clamp RTD	CQO:992ECJ
Term kit standard, Plenum, Armored sensor cable	7ME3960-0CT01
Term kit Submersible sensor cable	7ME3960-0CT11
C1 Weld seal	7ME3960-0WS20
D1 Weld Seal	7ME3960-0WS30
C2 Weld Seal	7ME3960-0WD20
D2 Weld Seal	7ME3960-0WD30
Straps size 2	7ME3960-0SM11
Straps size 3	7ME3960-0SM21
Straps size 4	7ME3960-0SM31
Weld seal sensors C2 FM	7ME3950-1SN00
Weld seal sensors D1 FM	7ME3950-1SP00
Weld seal sensors D2 FM	7ME3950-1SQ00
Weld seal sensors D4 FM	7ME3950-1SR00
Weld seal sensors C2 ATEX	7ME3950-2SN00
Weld seal sensors D1 ATEX	7ME3950-2SP00
Weld seal sensors D2 ATEX	7ME3950-2SQ00
Weld seal sensors D4 ATEX	7ME3950-2SR00
Weld seal sensors Gas C2 FM	7ME3950-1HN00
Weld seal sensors Gas D1 FM	7ME3950-1HP00
Weld seal sensors Gas D2 FM	7ME3950-1HQ00
Weld seal sensors Gas D4 FM	7ME3950-1HR00
Weld seal sensors Gas C2 ATEX	7ME3950-2HN00
Weld seal sensors Gas D1 ATEX	7ME3950-2HP00
Weld seal sensors Gas D2 ATEX	7ME3950-2HQ00
Weld seal sensors Gas D4 ATEX	7ME3950-2HR00

Standard MLFB product offering represents 4 to 6 weeks delivery time.