

PURA PRODUCT RANGE

Pura Transmitter 2-wire 4-20 mA

Product Parent Code: PUR-TX-2W		
Pura Transmitter 2-wire 4-20 mA		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-TX-2W	Pura Transmitter 2-wire 4-20 mA
Feature {B}	Version	
	PRM	Double bagged
	OEM	Single bagged
	SEN	Sensor only, no block
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG

Pura M12 Transmitter 2-wire 4-20 mA

Product Parent Code: PUR-TX-2W-M12		
Pura Transmitter 2-wire 4-20 mA		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-TX-2W-M12	Pura M12 Transmitter 2-wire 4-20 mA
Feature {B}	Version	
	PRM	Double bagged
	OEM	Single bagged
	SEN	Sensor only, no block
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG

Pura Transmitter 3-wire 4-20 mA

Product Parent Code: PUR-TX-3W		
Pura Transmitter 3-wire 4-20 mA		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-TX-3W	Pura Transmitter 3-wire 4-20 mA
Feature {B}	Version	
	PRM	Double bagged
	OEM	Single bagged
	SEN	Sensor only, no block
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx)	Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp)

Humidity and Dew-Point Instruments

Pura Hazardous Area Transmitter 2-wire 4-20 mA

Product Parent Code: PUR-IS-2W		
Pura Hazardous Area Transmitter 2-wire 4-20 mA		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-IS-2W	Pura Transmitter 2-wire 4-20 mA
Feature {B}	Version	
	PRM	Double bagged
	OEM	Single bagged
	SEN	Sensor only, no block
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG

Ordering Example

PUR-TX-2W+OEM+(0/100P)	Pura Transmitter 2-wire, 4-20 mA, OEM, scaled 0 to 100 ppmV
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PURA ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
Spares	
GEN-LABEL	Additional/replacement transmitter labels (price per 2 off labels)
EA2-SC	MiniDIN sensor connector socket
EA2-SCG	Sensor Connector MiniDIN Gasket
Sampling Accessories	
* DP-MC	BS EN 10204 – type 3.1 Material Certificates
GEN-VCRW14GR	¼" VCR Washer with Gasket Retainer
GEN-14VCR6	¼" VCR Female to 6mm Swagelok Tube
GEN-14VCR14	¼" VCR Female to ¼" Swagelok Tube
GEN-VCRW12	1/2" VCR Washer for sensor to sensor block connection
Electrical Accessories	
GI-PF-01	KFD0-CS-EX1.50P galvanic isolator (Pepperl & Fuchs)
**EA2-CAB-02	Cable, 2m (6.56') length with MiniDIN 43650 mating socket
**EA2-CAB-05	Cable, 5m (16.4') length with MiniDIN 43650 mating socket
**EA2-CAB-10	Cable, 10m (32.8') length with MiniDIN 43650 mating socket
Other cable lengths available upon request	
EA2-M12-CAB-0.8	Sensor Cable, 0.8m (2.62') with M12 Sensor Connector
EA2-M12-CAB-02	Sensor Cable, 2m (6.56') with M12 Sensor Connector
EA2-M12-CAB-05	Sensor Cable, 5m (16.4') with M12 Sensor Connector
EA2-M12-CAB-10	Sensor Cable, 10m (32.8') with M12 Sensor Connector
Other cable lengths available upon request	
* On certain labor intensive services, no discount can be offered. These items are always offered at list price.	
** EA2-CAB-XX cable assemblies cannot be used with the Pura IS hazardous area installation. Suitable cable with known capacitive and inductive values must be used to ensure compliance with the intrinsically safe system certification.	

PURA SERVICE EXCHANGE - Available only with the Sensor (SEN) mechanical option. No OEM or PRM mechanical options will be available

Service Exchange will be charged at new unit price when the order is placed. After the old sensor is returned and inspected, a 40% credit will be given. The price given below, in the shaded boxes, is the 60% final price, after return and inspection.

Product Parent Code: PUR-TX-X		
Service Exchange		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-TX-X	Pura Service Exchange Transmitter (supplied with traceable calibration certificate, old sensor to be returned to MIL in 21 days)
Feature {B}	Version	
	2W	2-wire transmitter
	3W	3-wire transmitter
	AOL-SEN-D	Digital transmitter for advanced online monitor
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG

Product Parent Code: PUR-IS-2W-X		
Service Exchange		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-IS-2W-X	Pura Transmitter 2-wire Service Exchange
Feature {B}	Version	
	SEN	Sensor only, no block
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG

Humidity and Dew-Point Instruments

Product Parent Code: PUR-TX-2W-M12-X Service Exchange		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-TX-2W-M12-X	Pura M12 Transmitter 2-wire Service Exchange
Feature {B}	Version	
	SEN	Sensor only, no block
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx-yz)	<p>Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig)</p> <p>e.g. 0-100ppm @ 10barg = 0/100P-10BG</p>

PURA CALIBRATION SERVICES

Order Codes	Product / Description
PUR-TX-PRM-Recal	Recalibration of Pura Premium (13 points between -100 and +20°C (-184 to +68°F) dp. Supplied w/calibration certificate traceable to national standards)
PUR-TX-OEM-Recal	Recalibration of Pura OEM (13 points between -100 and +20°C (-184 to +68°F) dp. Supplied w/calibration certificate traceable to national standards)
PUR-TX-SEN-Recal	Recalibration of Pura Sensor (13 points between -100 and +20°C (-184 to +68°F) dp. Supplied w/calibration certificate traceable to national standards)
PUR-TX-IS-PRM-CAL	Recalibration of Pura IS Premium (13 points between -100 and +20°C (-184 to +68°F) dp. Supplied w/calibration certificate traceable to national standards)
PUR-TX-IS-OEM-CAL	Recalibration of Pura IS OEM (13 points between -100 and +20°C (-184 to +68°F) dp. Supplied w/calibration certificate traceable to national standards)
PUR-TX-IS-SEN-CAL	Recalibration of Pura I.S. (Supplied w/calibration certificate traceable to national standards)
READINGS-DPS	Readings before calibration (calibration data recorded before adjustment) - Dew-Point Sensors

PURA PRODUCT RANGE

Pura Online Hygrometer

Product Parent Code: PUR-OL		
Pura Online Hygrometer (includes PUR-TX-2W Sensor)		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-OL	Pura Online Hygrometer (includes PUR-TX-2W Sensor)
Feature {B}	Version	
	PRM	Double bagged
	OEM	Single bagged
	SEN	Sensor only, no block
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG
Feature {D}	Power	
	AC	85 to 265 V AC
	DC	24 V DC
Feature {E}	Cable	
	SC02	Standard sensor cable 2m (6.56') with fittings
	SC05	Standard sensor cable 5m (16.4') with fittings
	SC10	Standard sensor cable 10m (32.8') with fittings
Other cable lengths available upon request		

Pura Hazardous Area Online Hygrometer

Product Parent Code: PUR-IS-OL		
Pura Hazardous Area Online Hygrometer (not supplied with galvanic isolator) (includes PUR-IS-2W Sensor)		
MONITOR MUST BE USED IN SAFE AREA		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-IS-OL	Pura Hazardous Area Online Hygrometer (not supplied with galvanic isolator) (includes PUR-IS-2W Sensor)
Feature {B}	Version	
	PRM	Double bagged
	OEM	Single bagged
	SEN	Sensor only, no block
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG
Feature {D}	Power	
	AC	85 to 265 V AC
	DC	24 V DC
Feature {E}	Cable	
	SC02	Standard sensor cable 2m (6.56') with fittings
	SC05	Standard sensor cable 5m (16.4') with fittings
	SC10	Standard sensor cable 10m (32.8') with fittings
Other cable lengths available upon request		

Pura Online Hygrometer Monitor Only

Product Parent Code: PUR-OL-MON		
Pura Online Hygrometer Monitor Only (Spare Monitor for Online and Hazardous Online Systems)		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-OL-MON	Pura Online Hygrometer Monitor Only (Spare Monitor for Online and Hazardous Online Systems)
Feature {B}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
Feature {C}	Power	
	AC	85 to 265 V AC
	DC	24 V DC
Feature {D}	Cable	
	SC02	Standard sensor cable 2m (6.56') with fittings
	SC05	Standard sensor cable 5m (16.4') with fittings
	SC10	Standard sensor cable 10m (32.8') with fittings
Other cable lengths available upon request		

Ordering Example

PUR-OL+PRM+ (0/100P)+AC+SC05	Pura Online Hygrometer, Premium, double-bagged, 0/100 ppmV, 85 to 265 V AC power supply, 5m sensor cable assembly
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PURA ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
Spares	
GEN-LABEL	Additional/replacement transmitter labels (price per 2 off labels)
EA2-SC	MiniDIN sensor connector socket
EA2-SCG	Sensor Connector MiniDIN Gasket
Sampling Accessories	
* DP-MC	BS EN 10204 – type 3.1 Material Certificates
GEN-VCRW14GR	¼" VCR Washer with Gasket Retainer
GEN-14VCR6	¼" VCR Female to 6mm Swagelok Tube
GEN-14VCR14	¼" VCR Female to ¼" Swagelok Tube
GEN-VCRW12	1/2" VCR Washer for sensor to sensor block connection
Electrical Accessories	
GI-PF-01	KFD0-CS-EX1.50P galvanic isolator (Pepperl & Fuchs)
**EA2-CAB-02	Cable, 2m (6.56') length with MiniDIN 43650 mating socket
**EA2-CAB-05	Cable, 5m (16.4') length with MiniDIN 43650 mating socket
**EA2-CAB-10	Cable, 10m (32.8') length with MiniDIN 43650 mating socket
Other cable lengths available upon request	
EA2-OL-MON-29739	RS485 Serial Comms Cable for Online monitor
* On certain labor intensive services, no discount can be offered. These items are always offered at list price.	
** EA2-CAB-XX cable assemblies cannot be used with the Pura IS hazardous area installation. Suitable cable with known capacitive and inductive values must be used to ensure compliance with the intrinsically safe system certification.	

PURA CALIBRATION SERVICES - See details on previous page

PURA PRODUCT RANGE

Pura Advanced Online 2 Hygrometer

Product Parent Code: PUR-AOL2 Pura Advanced Online Hygrometer (includes Pura Digital Sensor)		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-AOL2	Pura Advanced Online 2 Hygrometer
Feature {B}	Version	
	PRM	Double bagged
	OEM	Single bagged
	SEN	Sensor only, no block
Feature {C}	Range	
	C1	-120 to -40°C (-184 to -40°F) dp range
Feature {D}	Power	
	AC	85 to 265 V AC
	DC	18 to 28V DC
Feature {E}	Cable	
	SC02-M12	M12 Sensor Cable 2m
	SC05-M12	M12 Sensor Cable 5m
	SC10-M12	M12 Sensor Cable 10m

Ordering Example

PUR-AOL2-HYG-OEM-C1-AC-SC02-M12	Pura Advanced Online 2 Hygrometer, Single bagged, -120 to -40°C (-184 to -40°F) dp range, 85 to 265 V AC, M12 Sensor Cable 2m
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Pura Advanced Online Hygrometer Monitor Only

Product Parent Code: PUR-AOL2-MON Pura Advanced Online Hygrometer Monitor Only		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}+{Feature F}+{Feature G}		
Feature	Item	Description
Feature {A}	Base Model	
	PUR-AOL2-MON	Pura Advanced Online 2 Monitor
Feature {B}	Input	
	485	Modbus RTU/RS485 Sensor Input
	MNET	Michell Mnet Sensor Input
Feature {C}	Range	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
Feature {D}	Power	
	AC	85 to 265 V AC
	DC	18 to 28V DC
Feature {G}	Cable	
	NSC	No Sensor Cable for Mnet
	SC02	M12 Sensor Cable 2m
	SC05	M12 Sensor Cable 5m
	SC10	M12 Sensor Cable 10m

PURA ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
Spares	
GEN-LABEL	Additional/replacement transmitter labels (price per 2 off labels)
EA2-SCG	Sensor Connector MiniDIN Gasket
Sampling Accessories	
* DP-MC	BS EN 10204 – type 3.1 Material Certificates
GEN-VCRW14GR	1/4" VCR Washer with Gasket Retainer
GEN-14VCR6	1/4" VCR Female to 6mm Swagelok Tube
GEN-14VCR14	1/4" VCR Female to 1/4" Swagelok Tube
GEN-VCRW12	1/2" VCR Washer for sensor to sensor block connection
Electrical Accessories	
EA2-M12-CAB-02	Sensor Cable, 2m (6.56') with M12 Sensor Connector
EA2-M12-CAB-05	Sensor Cable, 5m (16.4') with M12 Sensor Connector
EA2-M12-CAB-10	Sensor Cable, 10m (32.8') with M12 Sensor Connector
Other cable lengths available upon request	
* On certain labor intensive services, no discount can be offered. These items are always offered at list price.	

Pura M12 Transmitter 2-wire 4-20 mA

Product Parent Code: PUR-TX-2W-M12 Pura Transmitter 2-wire 4-20 mA		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}		
Feature	Item	Description
Feature {A}	Cable	
	PUR-TX-2W-M12	Pura M12 Transmitter 2-wire 4-20 mA
Feature {B}	External Sensors	
	PRM	Double bagged
	OEM	Single bagged
	SEN	Sensor only, no block
Feature {C}	RH Sensors	
	(-120/-40)	-120 to -40°C (-184 to -40°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV)y = Pressure

PURA CALIBRATION SERVICES - See details on previous page

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: Pura Order Codes_97256_V10_UK_0724