

PURA PRODUCT Range

Pura Transmitter 4-20mA

Product Parent Code: PUR-TX-2W
Pura Transmitter 2-wire 4-20mA

Base Model

Pura Transmitter 2-wire 4-20 mA

PUR-TX-2W

Version

PRM - Double Bagged and cleaned for oxygen service

A

OEM - Single Bagged

B

SEN - Sensor only, no block

C

Range

-120 to -40°C (-184 to -40°F) dp range

A

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

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Ordering Example

PUR-TX-2W-CA

Pura Transmitter 4-20mA 2 wire, Sensor only, no block, range -120 to -40°C

Product Parent Code: PUR-2W-M12
Pura Transmitter M12 2-wire 4-20mA

Base Model

Pura M12 Transmitter 2-wire 4-20 mA

PUR-2W-M12

Version

PRM - Double Bagged and cleaned for oxygen service

A

OEM - Single Bagged

B

SEN - Sensor only, no block

C

Range

-120 to -40°C (-184 to -40°F) dp range

A

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

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Ordering Example

PUR-2W-M12-AA

Pura Transmitter M12 2 wire 4-20mA, Double Bagged, with -120 to 40 °C range.

Product Parent Code: PUR-TX-3W Pura Transmitter 3-wire 4-20mA			
Base Model			
Pura Transmitter 3-wire 4-20 mA	PUR-TX-3W		
Version			
PRM - Double Bagged and cleaned for oxygen service		A	
OEM - Single Bagged		B	
SEN - Sensor only, no block		C	
Range			
-120 to -40°C (-184 to -40°F) dp range		A	
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		R	

Ordering Example	
PUR-TX-3W-CA	Pura Transmitter 4-20mA 3 wire, Sensor only, no block, range -120 to -40°C

PURA HAZARDOUS AREA TRANSMITTER			
Product Parent Code: PUR-IS-2W Pura Hazardous Area Transmitter 2-wire 4-20mA			
Base Model			
Pura Hazardous Area Transmitter 2-wire 4-20mA	PUR-IS-2W		
Version			
PRM - Double Bagged and cleaned for oxygen service		A	
OEM - Single Bagged		B	
SEN - Sensor only, no block		C	
Range			
-120 to -40°C (-184 to -40°F) dp range		A	
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		R	

Ordering Example	
PUR-IS-2W-AR	Pura Hazardous Area Transmitter 2-wire, 4-20mA, Single Bagged with non standard range (to be specified with order)

PURA ACCESSORIES AND SPARE PARTS	
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
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 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 mechanical option. No OEM or PRM mechanical options will be available

Product Parent Code: PUR-TX-X Service Exchange		
Base Model		
Pura Service Exchange Transmitter (supplied with traceable calibration certificate, old sensor to be returned to MIL in 21 days)	PUR-TX-X	
Version		
2-wire transmitter		A
3-wire transmitter		B
Digital transmitter for advanced online monitor		C
Range		
-120 to -40°C (-184 to -40°F) dp range		A
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		R

Ordering Example	
PUR-TX-XAA	Service Exchange for Pura Transmitter, 2-wire, 4-20 mA output , measurement range -120 to -40°C (-184 to -40°F) dp

Product Parent Code: PUR-IS-2W-X
Service Exchange

Base Model

Pura Service Exchange Hazardous Area Transmitter 2-wire

PUR-IS-2W-X

Version

SEN - Sensor only, no block

A

Range

-120 to -40°C (-184 to -40°F) dp range

A

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 @ 10barq = 0/100P-10BG

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Ordering Example

PUR-IS-2W-XAR

Service Exchange for Pura hazardous area transmitter, 2 wire with non standard range. Range to be specified with order.

Product Parent Code: PUR-2W-M12-X
Service Exchange

Base Model

Pura M12 Transmitter 2-wire Service Exchange

PUR-2W-M12-X

Version

SEN - Sensor only, no block

A

Range

-120 to -40°C (-184 to -40°F) dp range

A

Non-standard measurement range:

v = zero value, w = full scale value,

x = unit (C = °Cdp, F=°Fdp, P=ppmV)

γ = 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

R

Ordering Example

PUR-2W-M12-XAA

Pura M12 Transmitter 2-wire Service Exchange with -120 to 40°C (-184 to -40°F) dp range

Pura Calibration Services

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

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_99208_V12_UK_0126