

EASIDEW M12 DEW-POINT TRANSMITTER

A rugged impedance dew-point transmitter with M12 electrical connector for use in compressed air or process gas

Product Parent Code: EA2-TX-M12		
Easidew 2-wire Dew-Point Transmitter (4-20mA output, M12 connector)		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}		
Feature	Item	Description
Feature {A}	Base Model * & **	
	EA2-TX-M12	Easidew 2-wire Dew-Point Transmitter (4-20mA output, M12 connector)
Feature {B}	Connection	
	B1	G1/2" BSP Process Connection
	B2	3/4" UNF Process Connection
	B3	5/8" UNF Process Connection
Feature {C}	Range	
	C1	-100 to +20°C (-148 to +68°F) dp range
	C2	-110 to +20°C (-166 to +68°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}	Protection	
	D1	Standard HDPE guard (for protection against fine particulates (<10 µm))
	D2	SS sintered guard (for protection against fine particulates (<80 µm))
Feature {J}	Oxygen - cleaned for oxygen service (only if required)	
	J1	Cleaned for oxygen service (only available with D2)

* - M12 5 Pin connector is not supplied with the product and should be ordered separately from the accessories list

** - Selection of M12 5 pin connector version enables the Easidew M12 to output 4 to 20 mA and Modbus RTU over RS485 outputs

Ordering Example

EA2-TX-M12 + B1 + C1 + D1	Easidew Transmitter with M12 connector, with G1/2" BSP Process Connection, measurement range -100 to +20°C (-148 to +68°F) dp, HDPE guard
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EASIDEW M12 DEW-POINT TRANSMITTER ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
Spares	
EA2-HDPE	Pack of 10 replacement HDPE guards (for protection against fine particulates <10µm)
SSG	SS sintered guard replacement (for protection against fine particulates <80µm)
SSF-PF-10PK	Pack of 10 particulate filter cartridges (for protection against fine particulates < 0.1µm (for Sampler Kits))
GEN-LABEL	Additional/replacement transmitter labels (price per 2 off labels)
BS-58-PK5	5/8" UNF Bonded Seal for process connection (pack of 5)
BS-12-PK5	G1/2" Bonded Seal for process connection (pack of 5)
OR-34-PK5	3/4" UNF Viton O-ring for process connection (pack of 5)
Sampling Accessories	
APT-PAN	5/8" UNF (Internal) to 3/4" UNF (External) Adapter Collar
APT-GEI	5/8" UNF (Internal) to G1/2" (External) Adapter Collar
APT-TSO	5/8" UNF (Internal) to 1/2" NPT (External) Adapter Collar
APT-KF40-34	KF40 Adaptor Flange for 3/4 UNF Sensors
APT-KF40-58	KF40 Adaptor Flange for 5/8 UNF Sensors
CSB	5/8" UNF SS sample block (with 1/8" NPT inlet & outlet ports)
CSB-MC	Material certification for 5/8" UNF CSB Sample Block (no transfer or Distributor discounts)
SB-12	G1/2" SS sample block (with 1/8" NPT inlet & outlet ports)
SB12-MC	Material certification for G1/2" UNF SB-12 Sample Block (no transfer or Distributor discounts)
SB-34	3/4" UNF SS sample block (with 1/8" NPT inlet & outlet ports)
SB34-MC	Material certification for 3/4" UNF SB-34 Sample Block (no transfer or Distributor discounts)
SB-12-QF	G 1/2" Quick Fit Sample Block with DN7.2 Quick Connector for compressed air. Outlet vent to atmosphere
SB-58-QF	5/8" UNF Quick Fit Sample Block with DN7.2 Quick Connector for compressed air. Outlet vent to atmosphere
EA2-SAM	5/8" UNF Sampler Kit (for atmospheric or pressure dp measurements, 145 psig/10 barg max)
EA2-SAM-HP	5/8" UNF HP (High Pressure) Sampler Kit - (for atmospheric or pressure dp measurements, 2900 psig/200 barg max)
PTFE-xx	PTFE sample tube 6mm (0.24") O/D thick-walled (for Sampler Kit) (xx = length of tube in meters - price per meter- above 0.5m)
DP-MC	BS EN 10204 - type 3.1 Material Certificates (No transfers or distributor discounts)

Electrical Accessories	
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	

EASIDEW M12 DEW-POINT TRANSMITTER ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
Product Ordering Code {Feature A}+{Feature B}	
Feature {A}	Base Model
	EAU-CK Easidew, SF82 & Pura Universal Comms Kit
Feature {B}	Cable
	B1 EA2 MiniDIN Connector 0.5m sensor lead
	B2 EA PRO IS & EA PRO XP Terminal Block Connector 0.5m sensor lead
	B3 EA2 5 Way M12 Connector 0.5m sensor lead (not suitable for SF72 Rail M12 4 pin)

EAU-CK ACCESSORIES AND SPARE PARTS

EAU-CK-CAB1	Spare EA2 MiniDIN Connector 0.5m sensor lead
EAU-CK-CAB2	Spare EA PRO IS & EA PRO XP Terminal Block Connector 0.5m sensor lead
EAU-CK-CAB3	Spare EA2 5 Way M12 Connector 0.5m sensor lead (not suitable for SF72 Rail M12 4 pin)

EASIDEW M12 DEW-POINT TRANSMITTER SERVICES

Product Parent Code: EA2-TX-M12-X		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}		
Feature	Item	Description
Feature {A}	Base Model * & **	
	EA2-TX-M12-X	Service exchange, reconditioned Easidew M12 transmitter (supplied with traceable calibration cert. Old sensor to be returned to MIL in 21 days)
Feature {B}	Connection	
	B1	G1/2" BSP Process Connection
	B2	3/4" UNF Process Connection
	B3	5/8" UNF Process Connection
Feature {C}	Range	
	C1	-100 to +20°C (-148 to +68°F) dp range
	C2	-110 to +20°C (-166 to +68°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}	Protection	
	D1	Standard HDPE guard (for protection against fine particulates (<10 µm))
	D2	SS sintered guard (for protection against fine particulates (<80 µm))

Ordering Example

EA2-TX-M12-X + B1 + C1 + D1	Service Exchange for Easidew M12 Transmitter, with G1/2" BSP Process Connection, measurement range -100 to +20°C (-148 to +68°F) dp, HDPE guard
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EASIDEW M12 CALIBRATION SERVICES

READINGS-DPS	Readings before calibration (calibration data recorded before adjustment) - Dew-Point Sensors
EA2-TX-Recal	Recalibration of Easidew Transmitter (Supplied with traceable calibration certificate)

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: Easidew Transmitters_97554_V5_UK_0221