EASIDEW PRO XP - EXPLOSION PROOF MOISTURE TRANSMITTER

For moisture measurements in gases and liquids & optional oxygen service
Global explosion proof and flameproof certifications.

Product Parent Code: EA-XP-TX Easidew PRO XP for gases		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}...+{Feature X}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	EA-XP-TX	Easidew PRO XP for gases
Feature {B}	**Display**	
	EX1	No Display
	EX2	With Display
Feature {C}	**Protection**	
	C1	SS Sintered Guard (for protection against fine particulates >80μm)
	C2	Standard HDPE guard (for protection against fine particulates >10μm)
Feature {D}	**Sampling**	
	D1	No Sample Block
	D2	SS Sample Block with 3/4"UNF sensor connection
Feature {E}	**Bracket**	
	E1	No Bracket
	E2	Pipe Mounting Bracket
Feature {F}	**Certificates**	
	F1	No Material Certificates
	F2	BS EN 10204 – type 3.1 Material Certificates
	F3	BS EN 10204 – type 3.1 Material Certificates + NACE conformity
Feature {G}	**Housing**	
	G1	Aluminium
	G2	316 Stainless Steel (ATEX, IECEx, cCSAus)
Feature {H}	**Range**	
	H1	-110 to +20°C (-166 to +68°F) dp range
	H2	-100 to +20°C (-148 to +68°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero, w = full scale, x = unit, y = pressure, z = pressure unit **Units (x)** **Pressure units (z)** C = °C dew point PG = psig F = °F dew point PA = psia P = ppmV (ideal) BG = barg BA = bara Natural Gas LA = lb/MMscf IGT MA = mg/m3 IGT NA = ppmV IGT LB = lbMMscf ISO MB = mg/m3 ISO NB = ppmV ISO **Note:** Pressure (y) is required for ppmV and all Natural Gas units. If omitted from the order code, atmospheric pressure (0 barg) will be assumed. **Full names of natural gas standards:** IGT = IGT Research Bulletin #8 ISO = ISO 18453 **Example:** 0/100NA-50BG = 0-100 ppmV IGT @ 50 bar gauge
Feature {J}	**Oxygen - cleaned for oxygen service (only if required)**	
	J1	Cleaned for oxygen service (only available with D2)
Feature {X}*	**Conforming Coating - Optional**	
	CC	Conformal Coating

Ordering Example

EA-XP-TX + EX1+ C1+ D2+ E1+ F1+ G1+ H1 + J1	Easidew PRO XP with no display, SS sintered guard, sample block, no bracket, no material certificates, aluminium housing, -110/+20°C DP, oxygen cleaned

Product Parent Code: EA-XP-LQ-TX Easidew PRO XP for liquids		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}...+{Feature X}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	EA-XP-LQ-TX	Easidew PRO XP for liquids
Feature {B}	**Display**	
	EX1	No Display
	EX2	With Display
Feature {C}	**Protection**	
	C1	SS Sintered Guard (for protection against fine particulates >80μm)
	C2	Standard HDPE guard (for protection against fine particulates >10μm)
Feature {D}	**Sampling**	
	D1	No Sample Block
	D2	SS Sample Block with 3/4"UNF sensor connection

Feature {E}	Bracket	
	E1	No Bracket
	E2	Pipe Mounting Bracket
Feature {F}	**Certificates**	
	F1	No Material Certificates
	F2	BS EN 10204 – type 3.1 Material Certificates
	F3	BS EN 10204 – type 3.1 Material Certificates + NACE conformity
Feature {G}	**Housing**	
	G1	Aluminium
	G2	316 Stainless Steel (ATEX, IECEx, cCSAus)
Feature {H}	**Range**	
	(y/z)	Programmed user-supplied values; (y = ppmW zero value / z = ppmW full scale value)
Feature {I}	**Liquids**	
	I01	Methane
	I02	Propane
	I03	Ethane
	I04	Propylene
	I05	Ethylene
	I06	Butane
	I07	Isobutane
	I08	Pentane
	I09	Toluene
	I10	Cyclopentane
Feature {X}*	**Conforming Coating - Optional**	
	CC	Conformal Coating

Ordering Example

EA-XP-LQ-TX + EX1+ C1+ D2+ E2+ F1+ G1+ H1+ I04	Easidew PRO XP (LQ) with no display, SS sintered guard, sample block, mounting bracket, no material certificates, aluminium housing, 0 to 300 ppmW in propylene

EASIDEW PRO XP ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
Spares	
XP-BRK	Mounting bracket
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))
OR-34-PK5	3/4" UNF O-ring for process connection (pack of 5)
XP-DIS-RK	Easidew PRO XP Replacement Display Module Kit
Sampling Accessories	
SB-34	3/4"UNF SS sample block (with 1/8" NPT inlet & outlet ports)
SB-34-CL	3/4" UNF SS sample block (with 1/8" NPT inlet & outlet ports) cleaning for oxygen service
SB34-MC	Material certification for 3/4" UNF SB-34 Sample Block (no transfer or Distributor discounts)
EA-XP-TX-TAG	Standard 316 Stainless Steel Tag
EA-XP-LQ-TX-TAG	Standard 316 Stainless Steel Tag

EASIDEW PRO XP ACCESSORIES AND SPARE PARTS

Order Codes		Product / Description
Product Ordering Code {Feature A}+{Feature B}		
Feature {A}	**Type**	
	EAU-CK	Easidew & 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 PRO XP CALIBRATION SERVICES

Order Codes	Product / Description
***No Easidew PRO XP Service Exchange units currently available.**	
XP-Recal	Recalibration of Easidew PRO XP (Supplied with traceable calibration certificate)
XP-LQ-Recal	Recalibration of Easidew PRO XP LQ (Supplied with traceable calibration certificate)
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: Easidew PRO XP_97459_V7.1_UK_1219