

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																							
		<table border="0"> <tr> <td>Units (x)</td> <td>Pressure units (z)</td> </tr> <tr> <td>C = °C dew point</td> <td>PG = psig</td> </tr> <tr> <td>F = °F dew point</td> <td>PA = psia</td> </tr> <tr> <td>P = ppmV (ideal)</td> <td>BG = barg</td> </tr> <tr> <td></td> <td>BA = bara</td> </tr> <tr> <td colspan="2">Natural Gas</td> </tr> <tr> <td>LA = lb/MMscf IGT</td> <td></td> </tr> <tr> <td>MA = mg/m³ IGT</td> <td></td> </tr> <tr> <td>NA = ppmV IGT</td> <td></td> </tr> <tr> <td>LB = lbMMscf ISO</td> <td></td> </tr> <tr> <td>MB = mg/m³ ISO</td> <td></td> </tr> <tr> <td>NB = ppmV ISO</td> <td></td> </tr> </table> <p>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.</p> <p>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</p>	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/m ³ IGT		NA = ppmV IGT		LB = lbMMscf ISO		MB = mg/m ³ ISO		NB = ppmV ISO
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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
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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 {J}	Process Connection O Rings	
	J1	Viton o-ring
	J2	Kalrez o-ring for aromatic service
	Note: Option J1 supplied as standard unless J2 specifically request	
Feature {X}* 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
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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 Viton O-ring for process connection (pack of 5)
OR-34-KAL-PK1	Kalrez O-Ring for 3/4" UNF Process Connection (pack of 1)
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}	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 PRO XP SERVICES

Product Parent Code: EA-XP-TX-X Easidew Service Exchange 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-X	Service Exchange, 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)										
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Feature {D}	Sampling											
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	J1	Cleaned for oxygen service (only available with D2)										
Feature {X}*	Conforming Coating - Optional											
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Product Parent Code: EA-XP-LQ-TX-X		
Easidew Service Exchange PRO XP for liquids		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}...+{Feature X}		
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Feature {A}	Base Model	
	EA-XP-LQ-TX-X	Service Exchange, Easidew PRO XP for liquids
Feature {B}	Display	
	EX1	No Display
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	I07	Isobutane
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Feature {X}* Conforming Coating - Optional	Conforming Coating - Optional	
	CC	Conformal Coating

Ordering Example

EA-XP-LQ-TX-X + EX1+ C1+ D2+ E2+ F1+ G1+ H1+ I04	Service Exchange, 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
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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 IS_97208_V7_UK_0221