# **EASIDEW PRO XP - EXPLOSION PROOF MOISTURE TRANSMITTER**

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

Peature {B}	Product Parent Code: EA-XP-TX Easidew PRO XP for gases		
Feature   Item	Feature B}+{Feature C}+{Feature X}		
EA-XP-TX			
Feature {B}			
Peature {B}	PRO XP for gases		
EX2   With Dis	•		
EX2   With Dis	lay		
Feature {C}			
C2   Standard	• •		
Peature {D}	red Guard (for protection against fine particulates >80µm)		
Sampling	d HDPE guard (for protection against fine particulates >10μm)		
D1			
Feature {E}   Bracket	ple Block		
Feature {E}   Bracket	ole Block with 3/4"UNF sensor connection		
E2			
Teature {F}	ket		
Teature F    Certificates	unting Bracket		
* F1 No Mate  * F2 BS EN 10  * F3 BS EN 10  * F3 BS EN 10  Feature {G}  G1 Aluminiu  G2 316 Stai  Feature {H}  H1 -110 to  H2 -100 to  Non-stai  Units (x)  C = *C de F = f de F = ppm NA = ppp NA = ppp NB = ppm  Note: P barg) wi Full nar IGT = IC ISO = IS Exampl  Feature {J}  Oxygen - cleaned for oxy  J1 Cleaned			
* F2 BS EN 10 * F3 BS EN 10 * F3 BS EN 10  Feature {G}  G1 Aluminiu G2 316 Stai  Feature {H}  H1 -110 to H2 -100 to  Non-stai  Units (x) C = °C do F = f do F = ppm NA = ppp B = lbMl MB = mg NB = ppn  Note: P barg) wi Full nar IGT = IG ISO = IS Exampl  Feature {J} Oxygen - cleaned for oxy J1 Cleaned	erial Certificates		
* F3   BS EN 10	0204 – type 3.1 Material Certificates		
Housing   G1	0204 – type 3.1 Material Certificates + NACE conformity		
G1	ope of the open open open open open open open ope		
G2   316 Stair	ım (ATEX/IECEx/UKCA, cQPSus Class & Div, Class Zones)		
Range	nless Steel (ATEX/IECEx/UKCA, cQPSus Class & Div ONLY)		
H1			
H2	+20°C (-166 to +68°F) dp range		
Non-stat   Units (x)   C = °C de   F = °	+20°C (-148 to +68°F) dp range		
Units (x)   C = °C de   F = °F de   F =	ndard measurement range: v = zero, w = full scale, x = unit, y = pressure, z = pressure unit		
barg) wi Full nat IGT = IG ISO = IS Exampl  Feature {J} Oxygen - cleaned for oxy J1 Cleaned	)		
J1 Cleaned	ressure (y) is required for ppmV and all Natural Gas units. If omitted from the order code, atmospheric pressure (0 ill be assumed.  mes of natural gas standards: GT Research Bulletin #8 SO 18453 e: 0/100NA-50BG = 0-100 ppmV IGT @ 50 bar gauge		
	ygen service (only if required)		
J2 Kalrez o-	for oxygen service (only available with C1)		
	-ring for aromatic service		
Feature {X}   Conforming Coating - Op	otional		
CC Conform	nal 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		
	•	and A) + (Feeting B) + (Feeting C) + (Feeting V)	
Feature	Item	re A}+{Feature B}+{Feature C}+{Feature X}  Description	
Feature {A}	Base Model	Description	
	EA-XP-LQ-TX	Easidew PRO XP for liquids	
Feature {B}	Display	Lasidew Five Air for liquids	
	EX1	No Display	
	EX2	With Display	
Feature {C}	. ,		
	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	Leave the second	
	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	<u>'</u>	
	G1	Aluminium (ATEX/IECEx/UKCA, cQPSus Class & Div, Class Zones)	
	G2	316 Stainless Steel (ATEX/IECEx/UKCA, cQPSus Class & Div ONLY)	
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	
	103	Ethane	
	I04	Propylene	
	105	Ethylene	
	I06	Butane	
	107	Isobutane	
	108	Pentane	
	109	Toluene	
	I10	Cyclopentane	
Feature {J}	Process Connec	tion 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}	Conforming Coa	ting - Optional	
	CC	Conformal Coating	
* On certain I	abor intensive se	rvices, no discount can be offered. These items are always offered at list price.	

## **Ordering Example**

D2+ E2+ F1+ G1+ H1+ I04 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
EA-XP-TX-TAG	Standard 316 Stainless Steel Tag
EA-XP-LQ-TX-TAG	Standard 316 Stainless Steel Tag

## **EASIDEW PRO XP SERVICES**

Easidew Serv	nt Code: EA-XP-T	X-X
	ice Exchange PK	O XP for gases
Product Orde	ring Code {Featu	re 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)
	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 (ATEX/IECEx/UKCA, cQPSus Class & Div, Class Zones)
	G2	316 Stainless Steel (ATEX/IECEx/UKCA, cQPSus Class & Div ONLY)
Feature {H}	Range	<del>,</del>
	H1	-110 to +20°C (-166 to +68°F) dp range
	H2	-100 to +20°C (-148 to +68°F) dp range
		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 = psim ((ideal) BG = barq
		P = ppmV (ideal) BG = barg BA = bara Natural Gas
		LA = Ib/MMscf IGT MA = mg/m3 IGT
	(v/wx-yz)	NA = ppmV IGT LB = lbMMscf ISO
	(V/WX-YZ)	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
		<b>Example:</b> 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 C1)
Feature {X}	Conforming Coa	ting - Optional
	CC	Conformal Coating
* On certain labor intensive services, no discount can be offered. These items are always offered at list price.		

	Product Parent Code: XP-LQ-X Easidew Service Exchange PRO XP for liquids		
	Item	ure A}+{Feature B}+{Feature C}+{Feature X}	
Feature {A}		Description	
reature (A)	Base Model	Control Follows Forth PROVING Its the	
Footure (B)	XP-LQ-X	Service Exchange, Easidew PRO XP for liquids	
Feature {B}	Display	L	
	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 (ATEX/IECEx/UKCA, cQPSus Class & Div, Class Zones)	
	G2	316 Stainless Steel (ATEX/IECEx/UKCA, cQPSus Class & Div ONLY)	
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	
	103	Ethane	
	I04	Propylene	
	I05	Ethylene	
	106	Butane	
	107	Isobutane	
	108	Pentane	
	109	Toluene	
	I10	Cyclopentane	
Feature {J}	Process Conne	1 ' '	
reacure (3)	J1	Viton o-ring	
	J2	Kalrez o-ring for aromatic service	
		supplied as standard unless J2 specifically request	
Feature {X}	·	supplied as standard unless 32 specifically request	
· cature (A)			
* 0 1 - 1	CC	Conformal Coating	
• Un certain l	apor intensive s	services, no discount can be offered. These items are always offered at list price.	

## **Ordering Example**

XP-LQ-X + EX1+ C1+ D2+ Service Exchange, Easidew PRO XP (LQ) with no display, SS sintered guard, sample bl no material certificates, aluminium housing, 0 to 300 ppmW in propylene	ing bracket,
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## **EASIDEW PRO XP CALIBRATION SERVICES**

	SKELDIG (120) ( SEKVESES
Order Codes	Product / Description
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\_V11\_UK\_0223