



QPS Evaluation Services Inc
 Testing, Certification and Field Evaluation Body
 Accredited in Canada, the USA, and Internationally

File
LR1507

CERTIFICATE OF COMPLIANCE
 (ISO TYPE 3 CERTIFICATION SYSTEM)

Issued to	Michell Instruments Ltd
Address	Unit 48, Lancaster way Business Park, Ely, Cambs, CB6 3NW, UK
Project Number	LR1507-3
Product	Dew Point Transmitter
Model Number	<ul style="list-style-type: none"> • Easidew PRO XP-Ex 1 (Blind enclosure) • Easidew PRO XP-Ex 2 (Windowed enclosure with electronic display)
Ratings/Markings	See ANNEX below
Applicable Standards	<p>CSA C22.2 No. 25 -2017, CSA C22.2 No. 30 -1986, CSA C22.2 No. 60079-0:19, CSA C22.2 No. 60079-11:14, CSA C22.2 No. 60079-1:16, CSA C22.2 No. 60079-31:15, CSA C22.2 No. 61010-1:12</p> <p>ISA/ANSI 60079-0-2013, ISA/ANSI 60079-11-2014, ISA/ANSI 60079-1-2009(R2013), ISA/ANSI 60079-31-2015, FM 3600-2018, FM 3615-2018, FM 3616:2011, UL 61010-1-3rd</p>
Factory/Manufacturing Location	Same as above

Statement of Compliance: The product(s) identified in this Certificate and described in the Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standard(s). As such, they are eligible to bear the QPS Certification Mark shown below, in accordance with the provisions of QPS's Service Agreement.



Issued By: Dave Adams

Signature:

Date: November 29, 2019



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ANNEX

Models: Easidew PRO XP-Ex * Dew Point Transmitters – Aluminium Enclosure

Class I, Division 1 Gr ABCD T6
 Class II, Division 1 Gr EFG
 Class III, Division 1
 Ex db [ia] IIC T6 Gb
 Ex tb IIIC T80°C Db
 Class I, Zone 1, AEx db [ia] IIC T6 Gb,
 Zone 21, AEx tb IIIC T80°C Db
 Ta=-20°C to +70°C
 Um = 28V, 14-28Vdc, 0.7A, 1W
 Maximum working pressure = 450 bar (45 MPa)

Models: Easidew PRO XP-Ex * Dew Point Transmitters – Stainless-steel Enclosure

Class I, Division 1 Gr ABCD T6
 Class II, Division 1 Gr EFG
 Class III, Division 1
 Ta=-20°C to +70°C
 Um = 28V, 14-28Vdc, 0.7A, 1W
 Maximum working pressure = 450 bar (45 MPa)

The entity parameters for the equipment are:

Parameter	Sensor	Channel Thermistor	Both combined
Uo	6.51 V	6.51 V	6.51 V
Io	658 mA	658 mA	1316 mA
Po	0.554 W	0.554 W	1.107 W
Ci	0 µF	0 µF	0 µF
Li	0 µH	0 µH	0 µH
Co	22 µF	22 µF	22 µF
Lo	82 µH	82 µH	20.5 µH
Lo/Ro	33.2 µH/Ω	33.2 µH/Ω	16.6 µH/Ω