PM620 specification	
Maximum intermittent pressure	2 x FS
Maximum working pressure	110% FS
Sealing	IP 65 (protected against dust and jets of water)
Operating temperature	-10 to 50°C (14 to 122°F)
Storage temperature	-20 to 70°C (-4 to 158°F)
Humidity	0 to 90% RH non condensing
Shock and vibration	BS EN 61010-1:2010; MIL-PRF-28800F for Class II equipment, 1 m Drop Tested
EMC	BS EN 61326-1:2006
Electrical safety	BS EN 61010-1:2010
Pressure safety	Pressure equipment directive class SEP
Approval	CE marked
Size and weight	L. 56 mm, Dia. 44 mm, 106 g maximum

PM620-IS Pressure module specification (where different from PM620)	
Approval	CE and UKCA Marked ATEX & IECEx intrinsically safe: Ex II 1G Ex ia IIC T4 Ga (-10°C ≤ Ta ≤ +50°C) ETL intrinsically safe (US and Canada): Class I, Zone 1, AEx/Ex ia IIC T4 (-10°C ≤ Ta ≤ +50°C)

Gauge ranges (referenced to atmosphere)					
		Media	NLH&R 20°C ± 2°C (68°F ± 4°F) 24 hr	NLH&R 0° to 50°C (32° to 122°F) 24 hr	Total uncertainty 0° to 50°C (32° to 122°F) for 1 year
			Gauge	Gauge	Gauge
bar	**psi**		**%FS**	**%FS**	**%FS**
±0.07	±1	1	0.025	0.030	0.047
±0.1	±1.45	1	0.020	0.027	0.045
±0.2	±3	1	0.020	0.027	0.045
±0.35	±5	2	0.020	0.025	0.044
±0.7	±10	2	0.015	0.020	0.041
±1	-14.5 to 15	2	0.015	0.020	0.041
-1 to 2	-14.5 to 30	2	0.015	0.020	0.025
-1 to 3.5	-14.5 to 50	2	0.010	0.020	0.025
-1 to 7	-14.5 to 100	2	0.010	0.020	0.025
-1 to 10	-14.5 to 150	2	0.005	0.020	0.025
-1 to 20	-14.5 to 300	2	0.005	0.020	0.025
0 to 35	0 to 500	2	0.005	0.020	0.025
0 to 70	0 to 1,000	2	0.005	0.020	0.025
0 to 100	0 to 1,500	2	0.005	0.020	0.025
0 to 135	0 to 2,000	2	0.005	0.020	0.025
0 to 200	0 to 3,000	2	0.005	0.020	0.025

NLH&R non-linearity, hysteresis and repeatability

❶ Compatible with non-corrosive gas/fluid

❷ Compatible with stainless steel

*The reading can be referenced to ambient air pressure via a software feature of the DPI620 Genii, allowing the same module to be switched between absolute and sealed gauge measurement.

DPI620 Genii pressure resolution: adjustable 4 to 7 digits. Uncertainty confidence level 95% (K=2)

Absolute ranges (referenced to vacuum)								
		Media	NLH&R 20°C ± 2°C (68°F ± 4°F) 24 hr	NLH&R 20°C ± 2°C (68°F ± 4°F) 24 hr	NLH&R 0° to 50°C (32° to 122°F) 24 hr	NLH&R 0° to 50°C (32° to 122°F) 24 hr	Total uncertainty 0° to 50°C (32° to 122°F) for 1 year	
			Absolute	*Sealed gauge	Absolute	*Sealed gauge	Absolute	*Sealed gauge
bar	**psi**		**%FS**	**%FS**	**%FS**	**%FS**	**%FS**	**%FS**
0 to 7	0 to 100	2	0.015		0.036		0.050	
0 to 10	0 to 150	2	0.015	0.005	0.030	0.020	0.047	0.025
0 to 20	0 to 300	2	0.015	0.005	0.030	0.020	0.047	0.025
0 to 35	0 to 500	2	0.015	0.005	0.030	0.020	0.047	0.025
0 to 70	0 to 1,000	2	0.015	0.005	0.030	0.020	0.047	0.025
0 to 100	0 to 1,500	2	0.015	0.005	0.030	0.020	0.046	0.025
0 to 135	0 to 2,000	2	0.015	0.005	0.030	0.020	0.046	0.025
0 to 200	0 to 3,000	2	0.015	0.005	0.030	0.020	0.046	0.025
0 to 350	0 to 5,000	2	0.015	0.005	0.033	0.020	0.049	0.025
0 to 700	0 to 10,000	2	0.015	0.005	0.033	0.020	0.049	0.025
0 to 1000	0 to 15,000	2	0.015	0.005	0.033	0.020	0.049	0.025

PM620LP specification	
Maximum intermittent pressure	2 x FS
Maximum working pressure	110% FS
Maximum static pressure	250 mbarg (3.6 psig)
Sealing	IP 65 (protected against dust and jets ofwater)
Operating temperature	**** 10 to 30°C (50 to 86°F)
Storage temperature	-20 to 70°C (-4 to 158°F)
Humidity	0 to 90% RH non condensing
Shock and vibration	BS EN 61010-1:2010; MIL-PRF-28800F for Class II equipment, 1 m Drop Tested
EMC	BS EN 61326-1:2006
Electrical safety	BSEN 61010-1:2010
Pressure safety	Pressure equipment directive class SEP
Approval	CE marked
Size and weight (exc barb connector)	L. 56 mm, Dia. 44 mm, 106 g maximum

Differential ranges (high pressure referenced to low pressure)					
		Media	NLH&R 20°C (68°F) 24 hr	NLH&R **** 10 to 30°C (50 to 86°F) 24 hr	Total uncertainty **** 10 to 30°C (50 to 86°F) for 1 year
			Gauge	Gauge	Gauge
mbar	**inH_2O**		**% span**	**% span**	**% span**
±2.5	±1	1	0.070	0.074	0.080
±12.5	±5	1	0.058	0.063	0.070
±25	±10	1	0.045	0.045	0.050

NLH&R non-linearity, hysteresis and repeatability

❶ Compatible with non-corrosive gas/fluid

*Zero required after HP/LP equalization & if the ambient temperature changes>2°C (36°F).

****Operating temperature for PM620LP 2.5 mbar (1"H_2O) range is 20 to 30°C (68 to 86°F)

DPI620 Genii pressure resolution: adjustable 4 to 7digits. Uncertainty confidence level 95% (K=2)