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Barometers

Sensors designed for accurate measurement of barometric pressure. DQA240.1#C is more suitable for LSI LASTEM data acquisition systems (0-1Vdc output). DQA250 is suitable in applications where very high accuracy (0,3 hPa) is required.

Order numb.	DQA240.1#C (1)	DQA250.1 (2)
Output	0÷1 V	0÷1 V
Power supply	10÷14 Vdc	10÷30 Vdc
Power consumption	0,25 W	4 mA
Uncertainty	1 hPa	0,3 hPa (15÷25°C)
Thermal drift	0,1 hPa/°C (-10÷60°C)	< 0,2 hPa
Calibration certificate	Includes	-
Principle	Piezoelectric	
Range	800÷1100 hPa	
Maximum pressure limit	2000 hPa	
Protection	IP43	IP32



Sensors designed for accurate measurement of barometric pressure and integration with third party acquisition systems requiring standard analogue output. Calibration is made using trimmers.

DQA223 model uses a thermocompensation system to reduce the thermal effect on the pressure measurement. Furthermore on this model different analogue outputs are locally selectable with dip-switches.

Order numb.	DQA801	DQA223
Output	0/4÷20 mA	0/4÷20 mA, 0/1÷5 Vdc, 0/60÷300 mV
Power supply	10÷30 Vdc/ac	12 Vdc
Power consumption	0,5 W	40 mA
Uncertainty	0,5 hPa	1 hPa
Thermal drift	0,25 hPa/10°C	0,1 hPa/°C
Principle	Piezoelectric	
Range	Default: 800÷1100 hPa (selectable 600, 700, 800÷1100 hPa)	800÷1100 hPa
Maximum pressure limit	2000 hPa	
Protection	IP65	IP43

Accessories	Order numb.	
	DWA510	Cable L = 10 m for DQA801
	DWA525	Cable L = 25 m for DQA801
	DWA526	Cable L = 50 m for DQA801
	DWA527	Cable L = 100 m for DQA801



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.