



## 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
Accuracy	0,5 hPa	0,3 hPa (15÷25°C)
Thermal drift	Compensated into the range: 10÷60°C. Drift in the range-20÷10°C: -0,025 hPa/°C	< 0,2 hPa
Calibration certificate	Includes	
Principle	Piezometric	
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. On DQA801 the pressure range is selectable by dip-switches.

Order numb.	DQA801	
	<i>Output</i>	0/4÷20 mA
	<i>Power supply</i>	10÷30 Vdc/ac
	<i>Power consumption</i>	0,5 W
	<i>Accuracy</i>	0,5 hPa
	<i>Thermal drift</i>	Compensated into the range: 10÷60°C Drift in the range-20÷10°C: -0,025 hPa/°C
	<i>Principle</i>	Piezometric
	<i>Range</i>	Default: 800÷1100 hPa (selectable 600÷1100 hPa, 700÷1100 hPa)
	<i>Maximum pressure limit</i>	2000 hPa
	<i>Protection</i>	IP65
	<i>Operative temperature</i>	-40 85°C

Accessories	Order numb.	
	DWA505	Cable L = 5 m for DQA801
	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
	MG2251	7 pin free female connector
	DYA078	Support for DQA801 with radiant shield Connection to DYA049 collar
	DYA049	Mast-mounting device for ø 45÷65 mm pipe

