



DATA ACQUISITION SYSTEM PWBLOGG N7/180 D-EX1

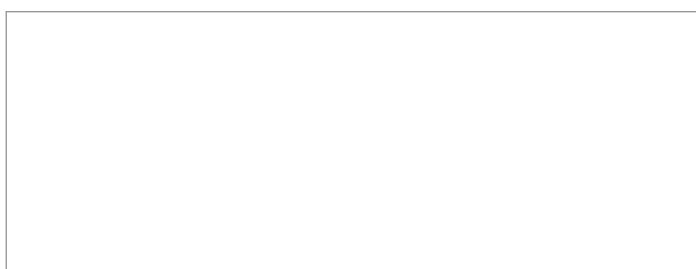
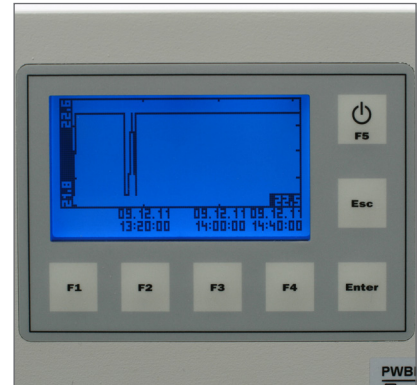


PAULWEGENER
MESSTECHNIK SEIT 1921

TECHNICAL DATA SHEET PWBLOGG N7/180/D-EX1

Data acquisition system with up to 8 inputs

Housing	Aluminium - cast metal housing 180 x 140 x 70 mm (w x h x d)
Degree of protection	IP 65
Overvoltage category	I, battery operated
Pollution degree	2
Weight (inclusive batteries)	approx. 1600 g
Power supply	lithium battery 16500 mAh
Running time	up to 2 years
Data memory / internal	0.5 MB (up to 500000 readings) (optional up to 3.8 MB)
Data memory /external	SD card up to 2 GB (optional)
Data acquisition interval	1s - 1h (selectable), ms optional
Interface 1	infrared online port
Interface 2 (optional)	PWBlogg MB1-IR pluggable, type 67L, with protection cap
Storage mode	ring buffer or linear storage unit
Display	graphic display 128 x 64 pixels
Operation	7 keys (keypad) or PC/Laptop
Real time clock	+3 ppm from -15°C to +60°C
Explosion protection certification	
Ex zone 1 (II 2G)	Ex II 2G Ex ib op is IIB T4 Gb
Intrinsically safe	EN 60079-0, 60079-11 and 60079-28
EU type-examination certificate	IBExU18ATEX1039
Transducers	
Temperature transducers	- 10°C up to 40°C / - 20°C up to 60°C
Pressure transducers	0...50 mbar up to 0...70 bar 0...40 up to 0...1000 bar
Accuracy	0.05% up to 1% of final value (further ones on request)
optional	PWB protocol converter IR via Ex separation module Modbus-IR (Modbus interface to programmable controller)



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