

DIGIFLOW_EXT1



Technical Specifications

Board size:	139.7 x 151.9 mm
Total height:	about 40 mm (incl. space bolts and supply cables)
Connection to Transducer:	enclosed cable set
Connection to customer's unit:	20 pin Harting IDC low-profile header
Connection to power supply:	3 pin Molex 5180
Power requirements (DC):	+ 9 to + 36 VDC - 9 to - 36 VDC } max. 7 W
Interfaces:	- Analog, RS232 - R-Trigger (TTL Input) CAN and SPI on request
Max. scan rate:	1000 Hz
ADC sampling rate:	36 MHz
Transmitter frequency range:	15 kHz to 18 MHz, different patterns possible, resolution 8 bit
Zero flow offset adjustment:	yes
Maximum flow measurement range:	± 32.0 liter per minute (lpm) (depending on calibration and type of used Transducer)
Resolution:	1 mlpm
Accuracy:	depending on calibration and type of used Transducer
<u>Ambient Conditions:</u>	
Air Pressure	70 to 106 kPa
Operating temperature range	10° to 45° C (50 to 113° F)
Storage temperature range	-20 to 45° C (- 4 to 113° F)
Transport temperature range	-20C to 55° C (- 4 to 131° F)
<u>Relative Humidity:</u>	
Operation	30 to 75 % (non-condensing)
Storage and transport	10 to 96 % (non-condensing)

Purchase Order Numbers

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- OEM Flow Measurement Board, Analog and RS232 Interf. 11089
- OEM Flow Measurement Board, SPI and/or CAN Interface on request

(including Cable Set and User Manual)

Accessories

- Shielded RS-232 Connection Cable (Male/Female) 10989