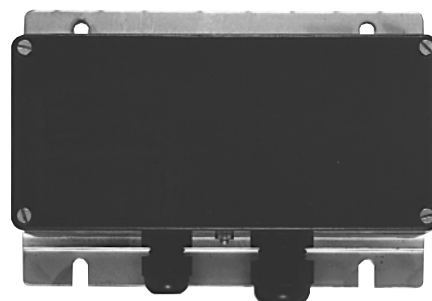


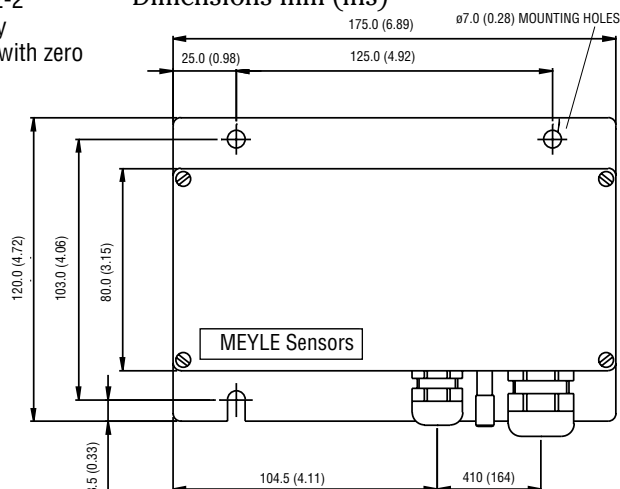
1025 Remote signal conditioning Process Transmitter

- ▶ For use with all MEYLE mV transducers
- ▶ Operates from supply voltages of 9-48V
- ▶ 5:1 Turn down
- ▶ Easy customer adjustment of 4-20mA output
- ▶ 0.25 second damping for improved static measurements



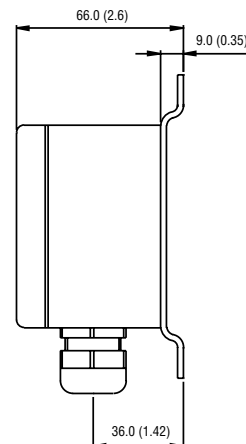
The CE marked BHL-1025-20 is a competitively priced signal conditioning process transmitter for the remote operation of any MEYLE pressure transducers. Integral electronic damping reduces output variations caused by fast fluctuating pressures, such as in some liquid level measurements. If not required this may be removed, just specify at time of order. Fully adjustable zero and span controls can vary the output signal or extend the standard pressure range of transducer being used. Gain adjustment allows a simple output span change to the measurements required i.e. psi, liquid level in inches, feet or metres, providing rangeability from 20% to 125% of the transducer full range. The BHL-1025-20 is designed for surface mounting from the detachable pre-drilled plate. The emc protection to EN50081-2 and EN50082-2 includes lightning protection against all except direct strikes. Reverse polarity protection is included as standard. The 1025-20 can also be supplied set up with zero offset, provided the measurement range is within specification.

Dimensions mm (ins)



Specifications

Input	All MEYLE mV transducers
Performance	
Output	4-20 mA (2 wire)
Supply Voltage (Vs)	8 to 48 Vdc
Supply Voltage Sensitivity	0.005% of max span/Volt
Zero Adjustment	+/- 10% of max span customer adjustable
Zero Setting	100% span, factory set
Span Adjustment	Thin film 4000K, 20% to 125% transducer nominal pressure. CVD, 2200, 2600 17% to 100% transducer nominal pressure
Max Loop Resistance	8-48V supply, (Vs-8) x 50Ω
Min Loop Resistance	8 to 40V: 0Ω
	40-48V supply, (Vs-40) x 250Ω
Response Time	Damped to 250 milliseconds
Mechanical Configuration	
Electrical Connection	Cable gland for 5.5mm (0.22") diameter cable (standard immersible)
Enclosure	IP 65
Approvals	CE
Operating Temperatures	-25 to 75°C (-13 to 170°F)
Weight	700 gramms.



How To Order

Order Part Number 1025-20

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