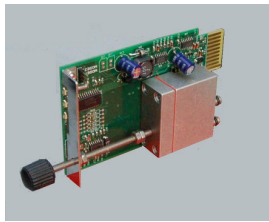


TxFP10 - Flowmeter Panel



FM200 flowmeter unit



Front view of TxFP10

Introduction

- The Addressable Flowmeter Panel has 10 slots for the remote measurement of air flow in pressurised telecommunication cables.
- The AFP can be read by a Monitoring System like MS-Dwarf or any compatible models as a block of 10 consecutive addresses on the assigned channel.
- Individual on/off valve for each flowmeter
- Local indication of the actual flow value
- Easy connections for electric and pneumatic fittings.
- The flowmeter unit FM200 is the digital airflowmeter providing accurate airflow measurements over the range of 0 to 200 liters per hour.

Description

The flowmeter panel provides 10 flowmeters in a housing suitable for standard pressurization equipment.

Each flowmeter unit has an individual switch to shut off the output flow, a green LED indicates the normal open condition and a red LED signalling alarm condition.

The panel provides a power supply switch and indicator; It has a display and two buttons providing a basic user interface.

Measurement Range	
Air Flow	• 0 to 200 l/h
Precision	• 10% of full-scale range
Over pressure/Excessive flow	• 10 Bar/10 l/min
Address range	• 0-110 (base address for 10 flowmeters)
Remote reading	0÷200 l/h = 1000÷2000Hz, 1Hz = 0.2 l/h
Operating Voltage	• -48÷60 VDC
Environmental Conditions	
Temperature	
• Continuous Operation	• 0° to +50° C
• Transportation and storage	• -40° to +70° C
Relative Humidity	• 0 to 95% non-condensing
Physical Properties	
Size	• 482,6 x 132 x 210mm (19" rack 3U)
Weight	3.5 Kg. approx.- 6 Kgs fully equipped with 10 Flowmeters
Monitoring pair connector	• IDC

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