

For flow measurement in saturated compressed air

Specifications

Flow sensor	
Flow range:	20..200m _n /sec
Accuracy:	2% of reading over 1:10 range, under calibration conditions; Please refer to the user's manual for details. Recommended pipe diameter: 50 mm and up.
Reference temperature:	0 degrees Celsius
Gases :	Wet compressed air, Dry compressed air, Nitrogen and Inert gases.
Gas temperature range:	-40....+150 deg C. Ice should be avoided!
Pressure sensor	
Pressure sensor range:	0...10 bar absolute
Accuracy:	+/- 0.1% Full scale Temperature compensated
Temperature sensor	
Temperature sensor range:	-40....+150 deg C. Ice should be avoided!
Accuracy:	+/- 0.5 deg C
Data outputs	
Digital:	RS485, MODBUS RTU protocol
Analog:	4..20 mA output, selectable via software to indicate flow, pressure or temperature
Display/data logger	
Technology:	Liquid Crystal (LCD)
Back light:	Blue, with auto power save
Data logger:	500,000 points
Mechanical	
Probe lengths:	400 mm
Process connection:	Swagelok compression fitting , 0,5 inch
Pressure rating:	PN10
Protection grade:	IP52 when mated to display module IP63 when mated to connector cap
Electrical	
Connection type:	M12, 5 pole
Power supply:	12...24 VDC +/- 10 % Class 2 (UL)
UL/ CUL:	14 AZ, Industrial Control Equipment
CE:	EN 61326-1, EN 50082-1

