

GENERAL CHARACTERISTICS

The pressure transmitters MV were primarily designed for the original equipment markets in general industry. The sensor consists of a ceramic piezoresistive cell and an amplifier electronic which provides a linear 4-20 mA signal.

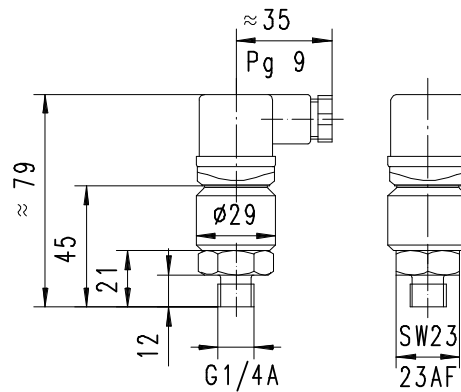
Male thread G1/4A brass



MV-020RM008B

TECHNICAL DATA

measurement ranges	(relative pressure, differential pressure to environment)		
relative pressure	range	overload	burst
overload limit	0 - 2	7	10
burst pressure (bar)	0 - 5	12	20
	0 - 10	25	40
	0 - 20	50	75
	0 - 50	120	180
	0 - 100	250	320
	0 - 200	400	500
	0 - 400	600	700
accuracy	± 1% full scale		
linearity	± 0.5% full scale		
operating temp.	0..70°C		
weight	0.15 kg		



MATERIALS

probe brass nickel plated

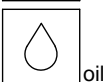
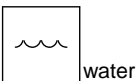
ELECTRICAL DATA

piezoresistive ceramic cell
 supply voltage 8..36 V DC (no load condition)
 output signal 4..20 mA
 max. load 500 Ω at 8..36 V DC
 protection class IP 65

MOUNTING POSITION



METERING SUBSTANCES



NOMENCLATURE

MV-	002	R	M	008	B	basic type specification	
	002					range	● 0 - 2 bar
	005						● 0 - 5 bar
	010						● 0 - 10 bar
	020						● 0 - 20 bar
	050						● 0 - 50 bar
	100						● 0 - 100 bar
	200						● 0 - 200 bar
	400						● 0 - 400 bar
		R				●	relative pressure
			M			●	material medium contact brass
			K			□	material medium contact s.s.
				008		●	connection G1/4A
				004		□	connection G1/8A
				015		□	connection G1/2A
					B	●	plug DIN 43650-A
					S	○	connection at locking plugs M12x1, 4-pole

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