

**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.

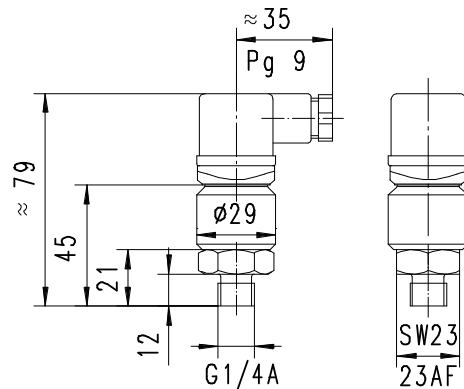
Male thread G1/4A brass



**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		

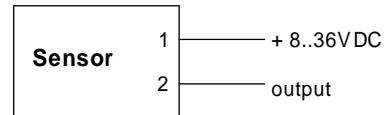


**MATERIALS**

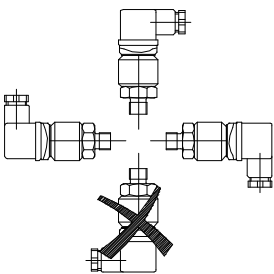
probe brass nickel plated

**ELECTRICAL DATA**

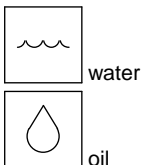
piezoresistive ceramic cell  
supply voltage 8..36 V DC (no load condition)  
output signal 4..20 mA  
max. load 500 Ω at 8..36 V DC  
protection class IP 65



**MOUNTING POSITION**



**METERING SUBSTANCES**



**NOMENCLATURE**

MV-	002	R	M	008	B	basic type specification
	002				●	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

All technical changes reserved

●BASIC Standard ○BASIC Programme option □VARIO Special option ⊕ PLUS Accessories ✗ not recommendable