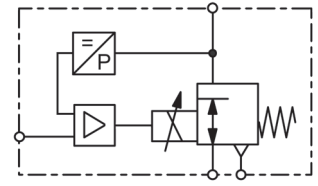


Technical features

- Highly dynamic** 10 ms, critical frequency 43 Hz
- Low power consumption** 400 mW / 800 mW nominal power
- No self-heating** due to low power consumption
- Battery operation** due to low power consumption
- For portable devices** up to 3 bar pressure range
- No over-oscillation** adjustable closed loop amplification
- No resonance oscillation** adjustable closed loop amplification
- Linearity** < 0.5% or 1% FS
- Hysteresis** < 0.2% or 0.5% FS
- Response sensitivity** < 0.1% or 0.5% FS
- Repeatability** < 0.2% or 0.5% FS
- Failsafe** exhaust at power breakdown
- Protection class** IP 30 or IP 65
- Two-wire system** for signal 4...20 mA



0 ... 100 mbar / 10 bar
10 ms, 400 mW, 1600 l/min

Dimensions			Supply pressure	Flow rate	Connection thread	Pressure range	Order number for output signal	
A	B	C	max. bar	l/min*1	G	bar	4...20 mA	0...10 V

Proportional valve						supply voltage 24 V DC, constant bleed, with straight coupling socket and 5 m cable	PRE	PRE
36	61	54	2.5	50	G ¹ / ₈	0...0.1	PRE1-IA1	PRE1-UA1
				100		0...0.2	PRE1-IA2	PRE1-UA2
			6.0	150	0.2...1	PRE1-IE1		
				200	0... 2	PRE1-I02	PRE1-U02	
				250	0... 5	PRE1-I05	PRE1-U05	
10	280	0... 6	PRE1-I06	PRE1-U06				
	350	0... 8	PRE1-I08	PRE1-U08				
	46	84	68	2.5	800	G ¹ / ₄	-1... 1	PRE2-IV1
900					0... 1		PRE2-I01	PRE2-U01
7.0				1100	0... 2	PRE2-I02	PRE2-U02	
				1300	0... 5	PRE2-I05	PRE2-U05	
10				1500	0... 6	PRE2-I06	PRE2-U06	
				1700	0...10	PRE2-I10	PRE2-U10	
17	2400	0...16	PRE2-I16	PRE2-U16				



PRE1



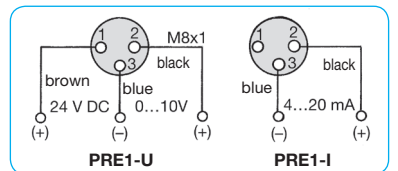
PRE2

Special options, add the appropriate letter

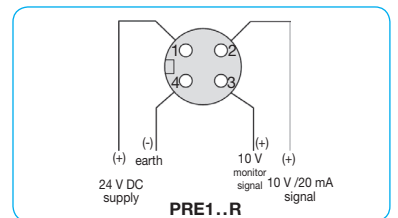
monitor signal	0... 10 V, standard at PRE2	for PRE1	PRE1-...R
flange connection	without manifold		PRE-...F
w/o coupling socket	and without cable		PRE-...H
mounting clips	for DIN rail		PRE-...C

Accessories, enclosed

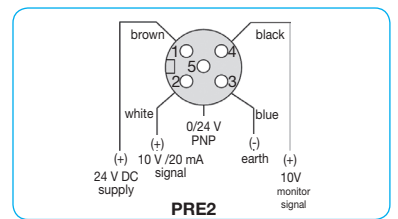
coupling socket	with 5 m cable, angle	M8x1, 3-pin	for PRE1	KM08-C3-5
		M8x1, 4-pin	for PRE1-R	KM08-C4-5
		M12x1.5, 5-pin	for PRE2	KM12-C5-5



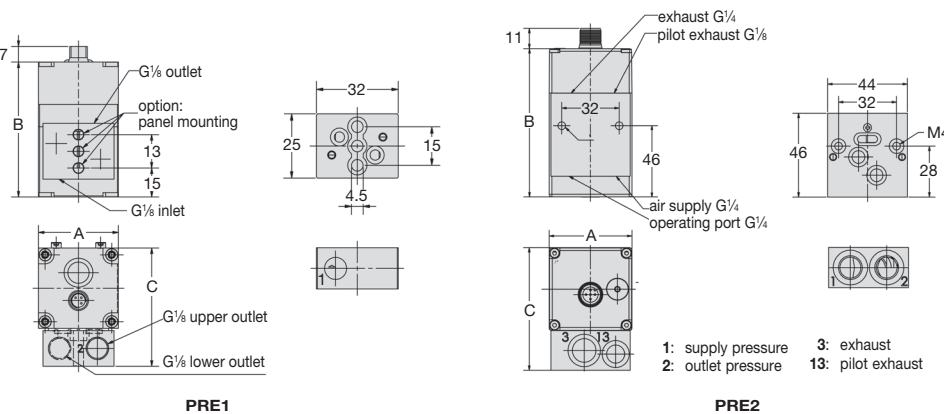
connection diagram



connection diagram



connection diagram



PRE1

PRE2

*1 at open outlet