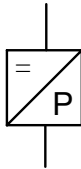


Description	The operating pressure is converted into a proportional, electrical signal by a silicon pressure transducer. After amplification the signal is monitored as an analogue voltage or current signal.	
Media	compressed air or non-corrosive gases compatible with aluminium, silicone and glass	
Supply voltage	12...36 V DC, residual ripple 5%, with reverse voltage protection	
Electrical connector	plug according to DIN 43650A, contact gap 18 mm, 3-pin, with coupling socket	
Output signal	4...20 mA: max. current consumption 260 mW	0...10 V: max. current consumption 50 mW
Linearity/Hysteresis	< 0.2 % FS typical	< 0.5 % FS
Repeatability	< 0.1 % FS typical	< 0.2 % FS
Long-term stability	< 0.5 % FS typical	< 1 % FS
Temperature sensitivity	< 0.02% FS typical per °C at 50 to 70 °C / 122 to 158 °F, < 0.04% FS per °C at 0 to 50 °C / 32 to 122 °F	
Response time	1 ms for 10...90% of pressure range	Shock resistance 50 g
Vibration resistance	2 g at 5...500 Hz	Protection class IP 65 according to DIN 40050
Mounting position	any	Material Body: aluminium
Temperature range	-40 °C to 100 °C / -40 °F to 212 °F	



**-1...20 bar, accurate to 0.5%
compressed air or gases**

Dimensions			Operating pressure	Measurement range	Order number for output signal	
B	Ø	A/F	max. bar	mbar/bar	4...20 mA	0...10 V

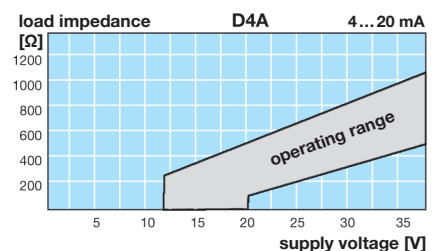
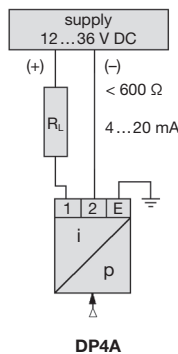
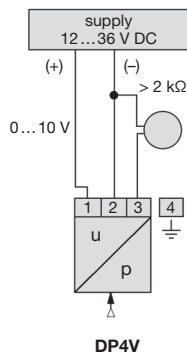
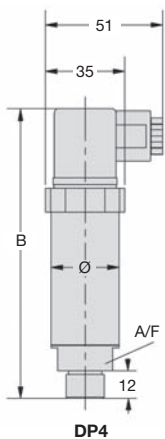
Pressure transducer G ^{3/8} m				open sensor, gauge pressure, with angular coupling socket	DP4A	DP4V
127	30	24	2	0... -1 bar	DP4A-V0	DP4V-V0
			2	-1... 1 bar	DP4A-V1	DP4V-V1
			1.4	0...-350 mbar	DP4A-V3	DP4V-V3
			1.4	-350... 350 mbar	DP4A-V4	DP4V-V4
			1.4	-70... 70 mbar	DP4A-V7	DP4V-V7
			1.4	0... 70 mbar	DP4A-B7	DP4V-B7
			1.4	0... 350 mbar	DP4A-C3	DP4V-C3
			2	0... 1 bar	DP4A-01	DP4V-01
			2	0.2... 1 bar	DP4A-D1	DP4V-D1
			4	0... 2 bar	DP4A-02	DP4V-02
			10	0... 5 bar	DP4A-05	DP4V-05
			12	0... 6 bar	DP4A-06	DP4V-06
			16	0... 10 bar	DP4A-10	DP4V-10
			32	0... 16 bar	DP4A-16	DP4V-16
			40	0... 20 bar	DP4A-20	DP4V-20



DP4

Special options, add the appropriate letter

deviant pressure range	measurement range to be indicated in clear text	DP4.-XX
absolute pressure	lowest measurement range: 0...1 bar _{abs}	DP4.-.A
G^{1/4}m	connection thread	DP4.-.02
G^{1/2}m	connection thread	DP4.-.04



Order example:
DP4A-V0
China website: www.duray-control.cn