

Panel / Line regulator E52-2

spectron



Line pressure regulator LE52-2



Example: PE52 panel mounted

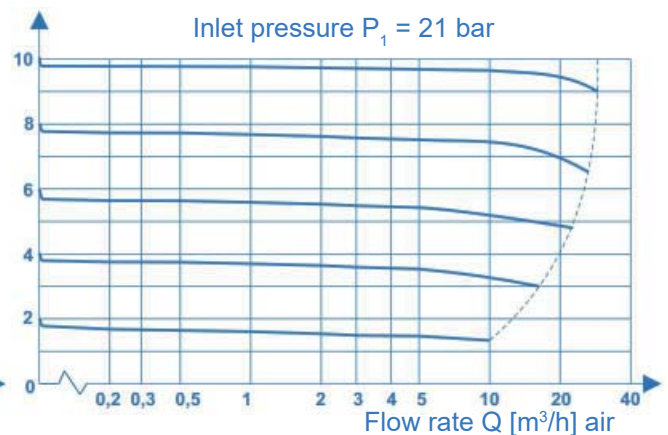
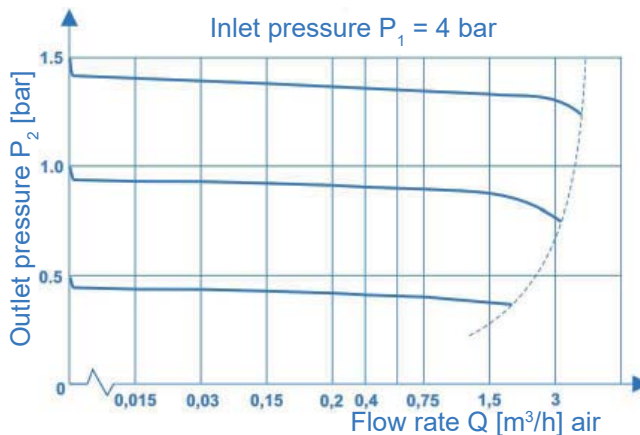
Product features

- Single-stage line pressure regulator or for panel and panel surface mounting with compensated main valve and anti-vibration device
- For corrosive, toxic gases and gas mixtures up to quality 6.0
- 2 ports for flexible and individual configuration
- Very high control accuracy
- Metal-to-metal seal to atmosphere
- Central filter
- Approved for use with oxygen
- New laboratory-style design
- Suitable for ECD applications
- Pressure regulator can be evacuated

Technical data

Inlet pressure P_1	max. 300 bar
Max. outlet pressure P_2	1,5 / 4 / 10 / 20 bar
Materials	
Body:	Edelstahl 1.4404
Diaphragm:	Hastelloy C276
Valve seat:	PVDF
Soft goods:	EPDM
Filter:	Edelstahl 1.4404
In- / outlets	1/4"-NPT female
Temperature range	-20°C to +60°C
Leakrate (to atmosphere):	$\leq 10^{-8}$ mbar l/s He
(via seat):	$\leq 10^{-6}$ mbar l/s He
C_v-value	0,16
Weight	1,0 kg

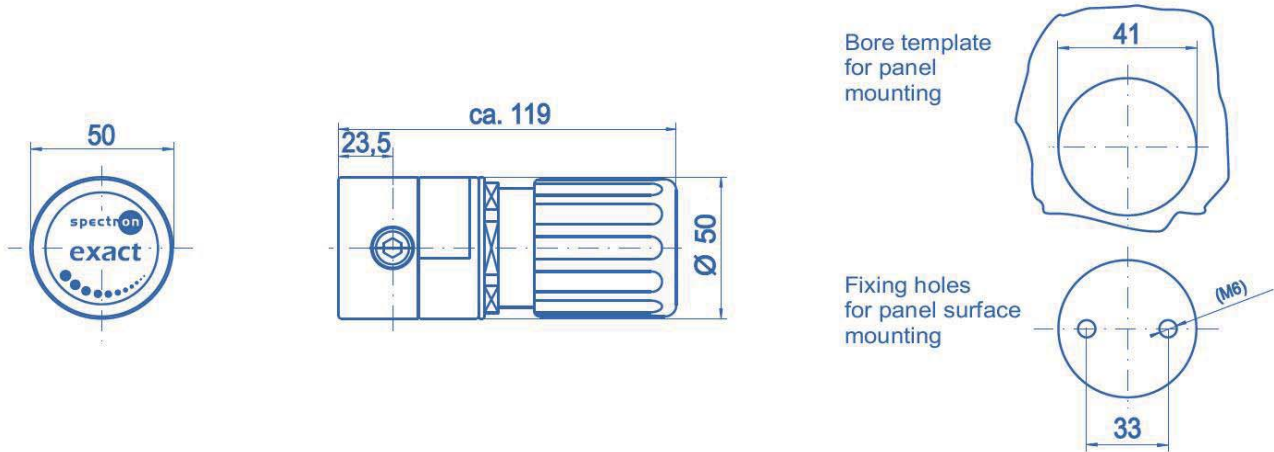
Flow curves E52



Panel / Line regulator E52-2

spectron^{cem}

Dimensions E52-2

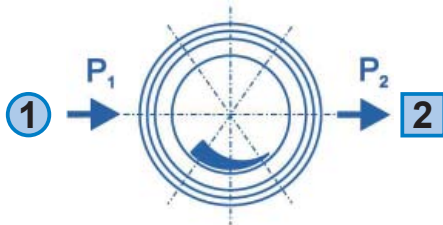


Ordering information:

Pressure regulators E52-2

In- / outlets

CE 1/4 1/8" / 1/4" / 1/2"-compression fitting (stainless steel)
CE 6 3 / 6 / 8 / 10 / 12 mm - compression fitting (stainless steel)
0 1/4"-NPT-F (port only)



Individual port selection

LE52 - 2 - 300 - 20 - 1 - 2 - H2

Type

L Line regulator
P Panel regulator

Inlet pressure P_1

100 max. 100 bar
200 max. 200 bar
300 max. 300 bar

Outlet pressure P_2

1,5 max. 1,5 bar
4 max. 4 bar
10 max. 10 bar
20 max. 20 bar

Gas type

Please specify gas type!

For inlet pressure up to 50 bar and outlet pressure of max. 1,5 or 4 bar please use E51.