



Vacuum switch electronic with two digital outputs and display



GS02.001



GS02.002

Product notes

- > Monitoring of vacuum levels, e.g. in handling systems
- > Optimization of cycle times to improve the economy of vacuum systems
- > Two freely adjustable digital outputs to set lower and upper threshold values
- > Additional analog output
- > 7-segment LED-display
- > Protection class IP65 (no ventilation tube required)
- > Integrated reverse voltage protection
- > Compact, lightweight and robust design
- > Flexible mounting: GS.001 can be rotated 360° after installation

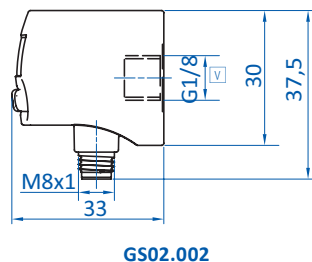
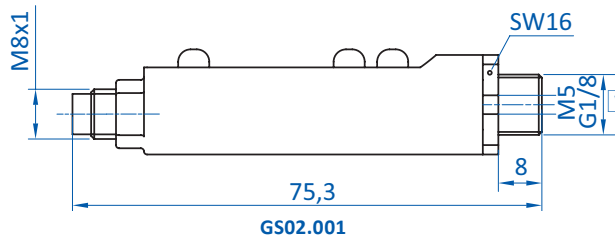
Notes

- > Transient emissions: EN 61000-6-4:2007; EN 61326-2-3:2006
- > Interference resistance: EN 61000-6-2:2005; EN 61326-2-3:2006
- > Vacuum values can be displayed and adjusted by the customer in following units: MPa, bar, inHg, mmHg

Technical data

Item no.	GS02.001	GS02.002
Measuring range [bar (inHg)]	-1 - 0 (-29.5 - 0)	-1 - 0 (-29.5 - 0)
Digital switching outputs	2x PNP (NO or NC)	2x PNP (NO or NC)
Repeat accuracy [%]	± 0.2 % from measuring range	± 0.2 % from measuring range
Overpressure safety [bar (psi)]	6 (87)	6 (87)
Supply voltage [VDC]	11 - 30	11 - 30
Current consumption [mA]	< 55	< 15
Max. switching current [mA]	125	250
Electric connection	Plug M8x1; 4-pin	Plug M8x1; 4-pin
Protection class	IP65	IP65
Suitable media	Filtered, oiled or unoled air or neutral gases	Filtered, oiled or unoled air or neutral gases
Operating temperature [°C (°F)]	0 - 50 (32 - 122)	10 - 60 (50 - 140)
Weight [g]	25	45
Suitable accessories	Adapter: 20.522, Adapter: 20.523, Adapter: 20.511, Connector cable: 20.501, Connector cable: 20.502, Wall clip: 20.520	Connector cable: 20.501, Connector cable: 20.502, Mounting bracket: 20.514, Mounting bracket: 20.515

Dimensions



☐ = Vacuum connection