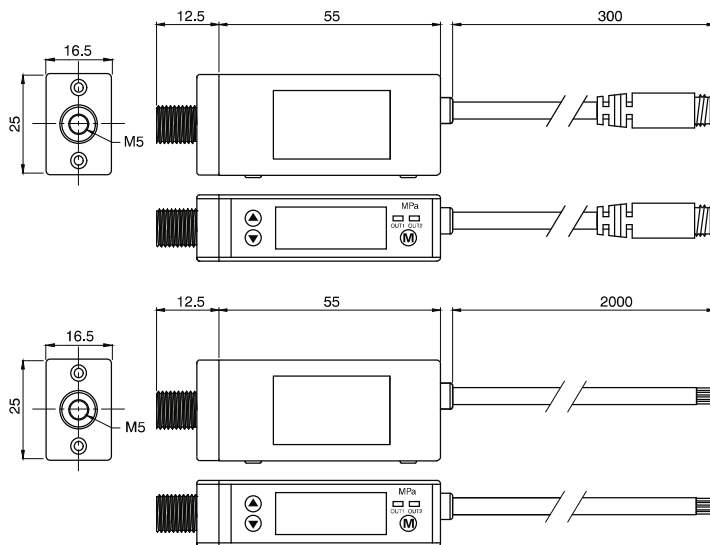


Digital vacuum switch



Ordering code

DS.30.C.C.F8.●●

- CABLE LENGTH**
- B=300 mm
 - D=2000 mm
- OPTIONS**
- 0=Without connector
 - 1=With connector M8 male 4 Pin

Technical features

Working pressure range		-100.0÷100.0kPa
Regulation pressure range		-100.0÷100.0kPa
Maximum supported pressure		300 kPa
Allowed fluids		Air, non-corrosive gases, non-combustible gases
Pressure calibration sensitivity	kPa	0.1
	kgf/cm ²	0.001
	bar	0.001
	psi	0.01
	InHg	0.1
	mmHg	1
	mmH ₂ O	0.1
Supply voltage		Da 12 a 24 VDC ± 10%
Current consumption		≤ 60mA
Digital output		PNP N.A. 2 outputs Maximum load current: 80mA Maximum supply voltage: 30VDC Voltage drop: ≤1V
Repeatability (Digital output)		± 0.2% Full Scale ± 1 digit
Digital output	Type of hysteresis	fixed
	Hysteresis	0.003 bar
Response time		≤2,5 ms (anti-interference function: 24ms, 192ms e 768 ms selectable)
Protection from short circuit at output		Present
Display		Display with 3 1/2 digits (sampling 5 times per sec.)
Indicator precision		±2% F. S. ±1 digit (at ambient temperature of 25°C ±3°C)
Indicator		LED Green (output1) LED red (output2)
Ingress protection rating	Protection class	IP40
	Ambient temperature	Operational: 0÷50°C, Storage: -20~60°C (without ice or condensation)
	Ambient humidity	Operation/Storage: 35÷85% (without condensation)
	Supported voltage	1000VAC in 1-min. (between body and cable)
	Insulation resistance	50MΩ min. (at 500VDC, between body and cable)
	Vibration	Total amplitude 1.5mm., 10Hz-55Hz-10Hz scanning for 1 minute, 2 hours in each direction of X, Y and Z
	Impacts/shocks	980m/s ² (100G), 3 times in each direction of X, Y and Z
Temperature characteristics		±2% Full Scale in a range between 0÷50°C
Type of connection		G1/8"
Electrical cable		Oil resistant cable
Weight		Approximately 67 g (with 2 metres of cable)

Output circuit wiring scheme

