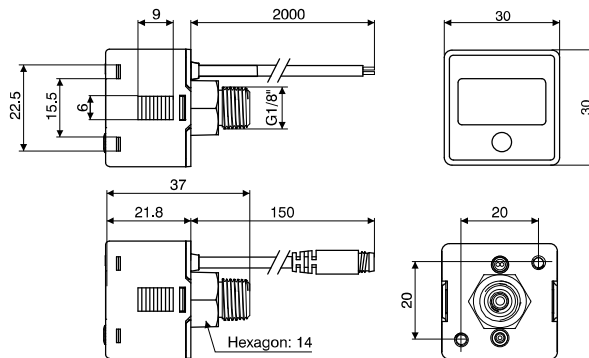




Digital vacuum gauge



Ordering code

**DS.61.V.I.F1.L.Ⓛ.Ⓞ**

CABLE LENGTH

Ⓛ A=150 mm \*

D=2000 mm \*\*

OPTIONS

Ⓞ= Without connector

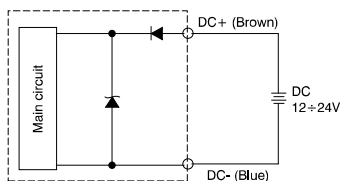
2= With M8 4 Pin male connector

\* only with M8 connector  
\*\* only without connector

Technical features

Working pressure range		0 ... -100.0kPa
Regulation pressure range		0 ... -100.0kPa
Maximum supported pressure		300 kPa
Allowed fluids		Air, non-corrosive gases, non-combustible gases
Pressure calibration sensitivity	kPa	1
	2 kgf/cm <sup>2</sup>	0.01
	bar	0.01
	psi	0.1
Supply voltage		From 12 to 24 VDC ± 10%
Current consumption		10mA
Repeatability		±1% Full Scale ±1 digit
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)
Ingress protection rating	IP Rating	IP65 (only with connected air tube)
	Ambient temperature	Operational: 0 ... 50°C, Storage: -10 ... 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 (at 500VDC, between body and cable)
	Vibration	Total amplitude 1.5mm or 10G, 10Hz-55Hz-10Hz scanning for 1 minute, 2 hours in each direction of X, Y and Z
	Impacts/shocks	100m/s <sup>2</sup> (10G), 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		R1/8", M5 female
Electrical cable		Oil resistant cable (internal 0.15mm <sup>2</sup> )
Weight		Approximately 60 gr. (with 2 metres of cable) and approximately 40 gr. (with M8 4 pin male connector)

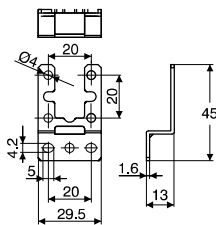
Output circuit wiring scheme



Fastening bracket



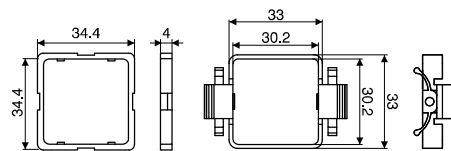
Ordering code  
**DS.BT5**



Panel mount adapter



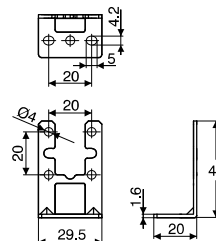
Ordering code  
**DS.PAC**



Fastening bracket



Ordering code  
**DS.BT6**



Panel mount adapter with screen protection



Ordering code  
**DS.PAD**

