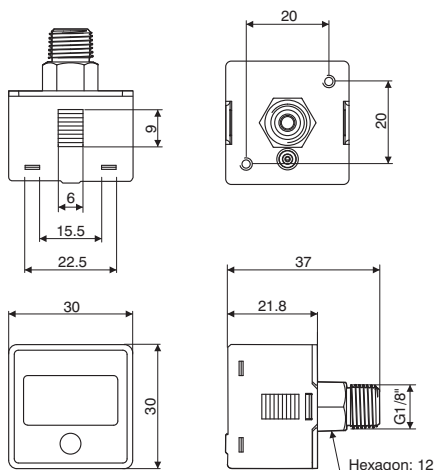


## Digital battery pressure gauge

Ordering code

**DS.60.PI.F1.F.0**



### Technical features

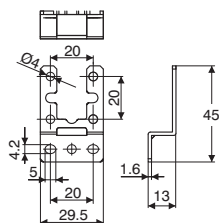
Working pressure range		0.000 - 1.000 mPa
Regulation pressure range		-0.100 - 1.000 mPa
Maximum supported pressure		1.5 mPa
Allowed fluids		Air, non-corrosive gases, non-combustible gases
Pressure calibration sensitivity	kPa	0.1
	bar	0.01
	psi	0.1
	mmHg	1
Battery		CR 2032 lithium
Backlight		Not present
Battery life		3 years (5 powerups a day)
Indication of battery level		Present
Battery replaceable		Yes
Display powerup time		Goes off after 60 seconds
Sampling frequency		2 Hz (2 times per second)
Repeatability		± 1% F. S. ± 1 digit
Display		Display with 3 1/2 digits
Indicator precision		±2% F.S. ±1 digit (at ambient temperature of 25°C ±3°C)
Ingress protection rating	Protection class	IP65 (only with connected air pipe)
	Ambient temperature	Operational: 0 - 50°C, Storage: -10 - 60°C (without ice or condensation)
	Ambient humidity	Operational/Storage 35 - 85% (without condensation)
	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/s² (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
Weight		Approximately 40 gr.

### Accessories

#### Fastening bracket



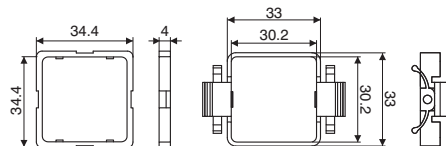
Ordering code  
**DS.BT5**



#### Panel mount adapter



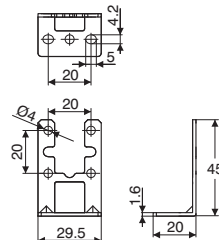
Ordering code  
**DS.PAC**



#### Fastening bracket



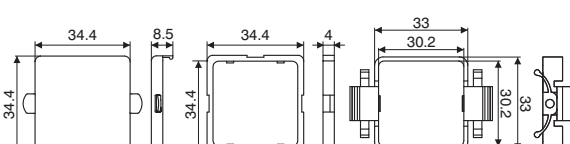
Ordering code  
**DS.BT6**



#### Panel mount adapter with screen protection

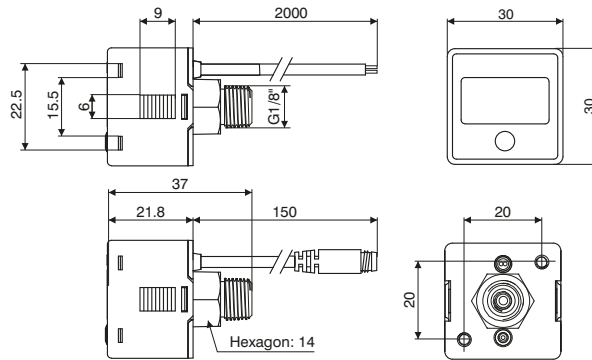


Ordering code  
**DS.PAD**





## Digital pressure gauge

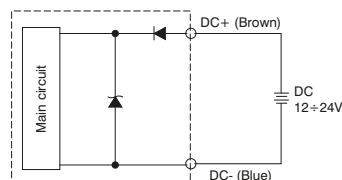


Ordering code	
<b>DS.61.PI.F1.L.⓪</b>	
<b>L</b>	CABLE LENGTH
	A=150 mm *
<b>⓪</b>	D=2000 mm **
	OPTIONS
<b>⓪</b>	0=Without connector
	2=With connector
M8 male 4 Pin	
* only with M8 connector	
** only without connector	

### Technical features

Working pressure range		0.000 - 1.000 mPa
Regulation pressure range		-0.100 - 1.000 mPa
Maximum supported pressure		1.5 mPa
Allowed fluids		Air, non-corrosive gases, non-combustible gases
Pressure calibration sensitivity	kPa	1
	kgf/cm²	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	Protection class	IP65 (only with connected air pipe)
	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/s² (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 0.15mm²)
Weight		Approximately 60 gr. (with 2 metres of cable) and Approximately 40 gr. (with M8 4 pin male connector)

### Output circuit wiring scheme

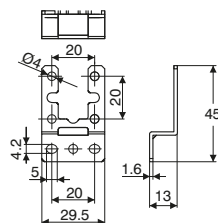


### Accessories

#### Fastening bracket



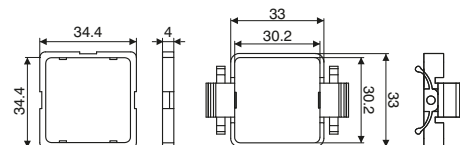
Ordering code  
**DS.BT5**



#### Panel mount adapter



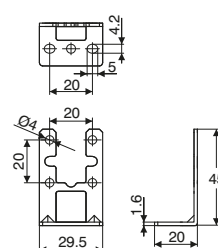
Ordering code  
**DS.PAC**



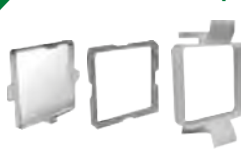
#### Fastening bracket



Ordering code  
**DS.BT6**



#### Panel mount adapter with screen protection



Ordering code  
**DS.PAD**

