Digital battery pressure gauge

Ordering code

DS.60.P.I.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℃ ±3℃)
Ingress protection rating	Protection class	IP65 (only with connected air pipe)
	Ambient temperature	Operational: 0 - 50℃, Storage: -10 - 60℃ (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℃
Type of connection		R1/8", M5 female
Weight		Approximately 40 gr.

Accessories

Fastening bracket
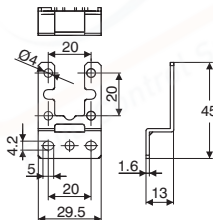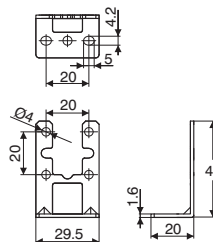
Ordering code
DS.BT5

Panel mount adapter

Ordering code
DS.PAC

Fastening bracket

Ordering code
DS.BT6

Panel mount adapter with screen protection

Ordering code
DS.PAD

2

AIR SERVICE UNITS
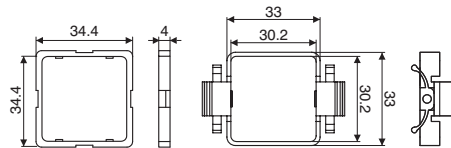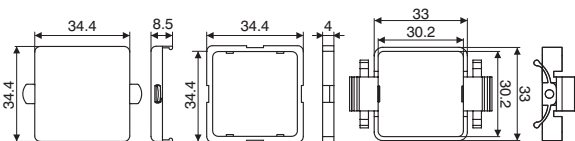
Digital pressure gauge
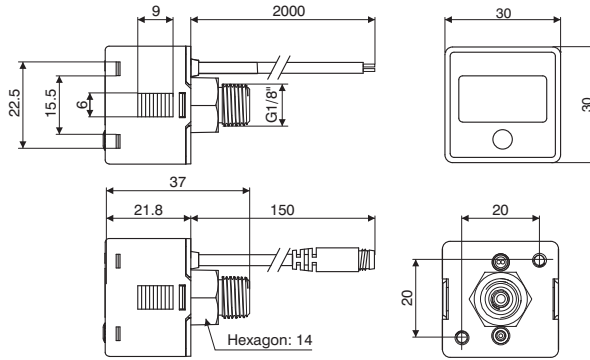
Ordering code

DS.61.P.I.F1.●.◎

	CABLE LENGTH
L	A=150 mm *
	D=2000 mm **
	OPTIONS
◎	0=Without connector
	2=With connector
	M8 male 4 Pin

* only with M8 connector
** only without connector

Technical features

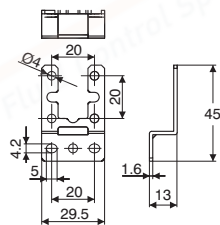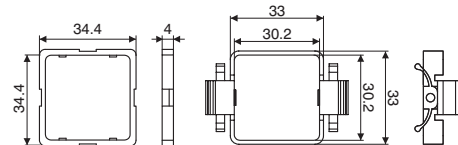| Working pressure range		0.000 - 1.000 mPa
Regulation pressure range		-0.100 - 1.000 mPa
Maximum supported pressure		1.5 mPa
Allowed fluids		Air, non-corrosive gases, non-combustible gases
Pressure calibration sensitivity	kPa	1
	kgf/cm²	0.01
	bar	0.01
	psi	0.1
Supply voltage		From 12 to 24 VDC ± 10%
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

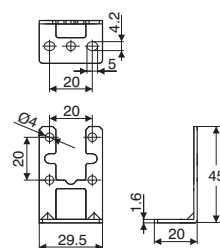### Accessories

Fastening bracket

Ordering code
DS.BT5

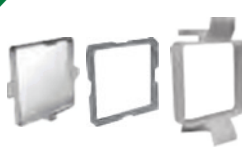#### Panel mount adapter

Ordering code
DS.PAC

Fastening bracket

Ordering code
DS.BT6

Panel mount adapter with screen protection

Ordering code
DS.PAD

AIR SERVICE UNITS

2