



AP-31ZP

Main Unit, Negative-pressure Type, -101.3 kPa, PNP

(€ ₀%) ∪s

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

This model has been discontinued.
Compliance with the certification standard is ensured as of the time of shipment from our company.

Recommended Replaceable Products: <u>Ultra-compact Digital Pressure Sensor - AP-C30 series</u>

Specifications

Model		AP-31ZP
Туре		Negative-pressure Type, PNP
Rated pressure		0 to -101.3 kPa
Fluid type		Air or non-corrosive gases
Type of pressure		Gauge pressure, air or non-corrosive gases
Display		3 1/2-digit, 2-color, 7-segment LED (Character height: 11 mm 0.43"), Display cycle: 5 times/s
Display resolution		0.1 kPa (0.001 bar)
Detectable pressure range		-15 to +110 % of F.S.
Hysteresis		Variable (when hysteresis mode is selected), 0.5 % of F.S. in standard mode
Response time (Chattering prevention function)		2.5/5/100/500 ms (selectable)
I/O	Zero-shift input	Input time: 20 ms or more
	Control output	PNP open-collector 100 mA max. (30 V max.), Residual voltage: 1 V max. 2- output (N.O./N.C.selectable)
Rating	Power voltage	12 to 24 VDC ±10 %
	Current consumption	50 mA (at 24 V) or less, 90 mA (at 12 V) or less
Environmental resistance	Pressure resistance	5.0 bar (500 kPa)
	Ambient temperature	0 to +50 °C 32 to 122 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm 0.06", 2 hours in each of the X, Y, and Z directions
Material		Front housing: Polyamide, Front panel sheet: PET, Rear housing: Polysulfone,Pressure port: Die-cast zinc, Cable: Oil-proof cabtyre cable
Accessories		Mounting bracket A, mounting bracket B, hexagon socket head cap plug
Weight		Approx. 120 g

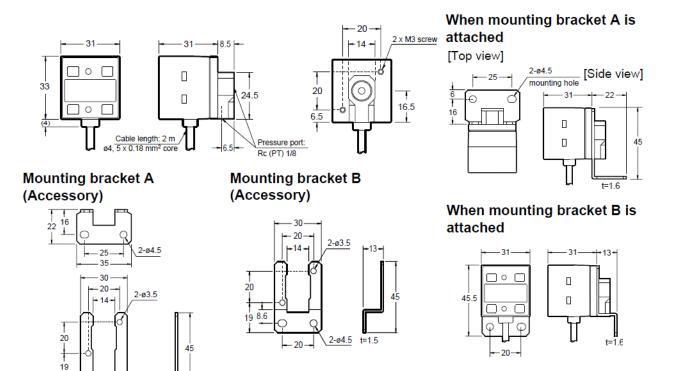


Dimensions

* Download CAD file or product manual for larger image/text and more detail.

t=1.5

AP-31/32/33/34



Unit: mm