SPECIFICATIONS

New York	Туре			Low pressure	High pressure	
Type of pressure Gauge pressure Rated pressure range		2				
Type of pressure Gauge pressure Rated pressure range	ltem	left	PNP output			
Rated pressure range						
Set pressure range				,		
Applicable fluid Air, non-corrosive gas Selectable unit Low pressure type: kPa, kgf/cm², bar, psi, mmHg Fligh pressure type: MPa, kgf/cm², bar, psi Supply voltage 12 to 24 V DC ±10 % Ripple P-P 10 % or less 30 mA or less APPI output type> PNP open-collector transistor PNP open-collector transistor PNP output type> PNP open-collector transistor	· · · · · ·			(−1.030 to +1.030 kgf/cm²)	$\left\{ \begin{array}{l} -0.1 \text{ to } +10.30 \text{ kgf/cm}^2 \\ -0.1 \text{ to } +10.10 \text{ bar} \end{array} \right\}$	
Selectable unit	Pressure withstandability			500 kPa	1.5 MPa	
Supply voltage 12 to 24 V DC ±10 % Ripple P-P 10 % or less Power consumption 30 mA or less **NPN output type> **NPN open-collector transistor	Applicable fluid			Air, non-corrosive gas		
Power consumption 30 mA or less APPN output type> NPN open-collector fransistor - Maximum sonic current: 50 mA - Applied voltage: 30 v DC or less (between comparative output and 0 V) - Residual voltage: 2 V or less (at 50 mA sink current) Dutput operation Belectable either NO or NC by key operation Hysteresis Repeatability 2.5 ms, 25 ms, 25 ms, 250 ms, selectable by key operation Bisplayable Display 3 + 1/2 digits, 3-color (white / red / pink) LCD display (Display update period: 250 ms) - 101.0 to +101.0 kPa - 1.010 to +1.010 bar - 1.	Selectable unit			Low pressure type: kPa, kgf/cm², bar, psi, mmHg High pressure type: MPa, kgf/cm², bar, psi		
Comparative output	Supply voltage			12 to 24 V DC ±10 % Ripple P-P 10 % or less		
NPN open-collector transistor	Power	consun	nption	30 mA	or less	
Hysteresis Minimum 2 digits (variable)	Comparative output			NPN open-collector transistor • Maximum sink current: 50 mA • Applied voltage: 30 V DC or less (between comparative output and 0 V)	PNP open-collector transistor • Maximum source current: 50 mA	
Repeatability ±0.2 % F.S. (within ±4 digits) ±0.4 % F.S. (within ±4 digits) Response time 2.5 ms, 25 ms, 250 ms, selectable by key operation Incorporated Display 3 + 1/2 digits, 3-color (white / red / pink) LCD display (Display update period: 250 ms) -101.0 to +101.0 kPa -1.030 to +1.030 kgf/cm² -1.010 to +1.010 bar -1.4.65 to +1.65 psi -1.56 to +1.65 psi -756 to +756 mmHg Protection Ambient temperature 0 to +50 °C +32 to +122 °F (No dew condensation allowed), Storage: -10 to +60 °C +14 to +140 °F Ambient humidity 35 to 85 % RH, Storage: 35 to 85 % RH Voltage withstandability 500 V AC for one min. between all supply terminals connected together and enclosure Vibration resistance 10 to 150 Hz frequency, amplitude 0.75 mm 0.030 in or maximum acceleration 49 m/s², in X, Y and Z directions for two hours of Shock resistance 10 to +40 °C +50 to +104 °F: Within ±1 % F.S. 0 to +50 °C 32 to +122 °F: Within ±2 % F.S. 0 to +50 °C 32 to +122 °F: Within ±2 % F.S. 0 to +50 °C 32 to +122 °F: Within ±2 % F.S. 0 to +50 °C 32 to +122 °F: Within ±5 % F.S.			Output operation	Selectable either NO o	or NC by key operation	
Response time 2.5 ms, 25 ms, 250 ms, selectable by key operation Short-circuit protection Incorporated			Hysteresis	Minimum 2 di	gits (variable)	
Short-circuit protection Incorporated			Repeatability	±0.2 % F.S. (within ±4 digits)	±0.4 % F.S. (within ±4 digits)	
Display Displayable pressure range Displayable range range range Displayable pressure range Displayable range range range Displayable range rang			Response time	2.5 ms, 25 ms, 250 ms, se	electable by key operation	
Displayable pressure range Displayable p		;	Short-circuit protection	Incorp	orated	
Displayable pressure range Displayable p	Displa	ıy		3 + 1/2 digits, 3-color (white / red / pink) LC	CD display (Display update period: 250 ms)	
Ambient temperature 0 to +50 °C +32 to +122 °F (No dew condensation allowed), Storage: -10 to +60 °C +14 to +140 °F Ambient humidity 35 to 85 % RH, Storage: 35 to 85 % RH Voltage withstandability 500 V AC for one min. between all supply terminals connected together and enclosure Insulation resistance 50 MΩ or more with 500 V DC megger between all supply terminals connected together and enclosure Vibration resistance 10 to 150 Hz frequency, amplitude 0.75 mm 0.030 in or maximum acceleration 49 m/s², in X, Y and Z directions for two hours of the standard of the sta				(-1.030 to +1.030 kgf/cm²) (-1.010 to + 1.010 bar) (-14.65 to +14.65 psi	$\left\{ \begin{array}{l} -0.1 \text{ to } +10.30 \text{ kgf/cm}^2 \\ -0.1 \text{ to } +10.10 \text{ bar} \end{array} \right\}$	
Vibration resistance Shock resistance 10 to 150 Hz frequency, amplitude 0.75 mm 0.030 in or maximum acceleration 49 m/s², in X, Y and Z directions for two hours of the second state of	φ	Protection		IP40	(IEC)	
Vibration resistance Shock resistance 10 to 150 Hz frequency, amplitude 0.75 mm 0.030 in or maximum acceleration 49 m/s², in X, Y and Z directions for two hours of the second state of	stanc	Ambie	nt temperature	0 to +50 °C +32 to +122 °F (No dew condensation allowed), Storage: -10 to +60 °C +14 to +140 °F		
Vibration resistance Shock resistance 10 to 150 Hz frequency, amplitude 0.75 mm 0.030 in or maximum acceleration 49 m/s², in X, Y and Z directions for two hours of the second state of	resis	Ambie	nt humidity	35 to 85 % RH, Storage: 35 to 85 % RH		
Vibration resistance Shock resistance 10 to 150 Hz frequency, amplitude 0.75 mm 0.030 in or maximum acceleration 49 m/s², in X, Y and Z directions for two hours of the second state of	ıntal	Voltage	withstandability	500 V AC for one min. between all supply terminals connected together and enclosure		
Vibration resistance Shock resistance 10 to 150 Hz frequency, amplitude 0.75 mm 0.030 in or maximum acceleration 49 m/s², in X, Y and Z directions for two hours of the second state of	nme	Insulat	ion resistance	50 MΩ or more with 500 V DC megger between all supply terminals connected together and enclosure		
Shock resistance 100 m/s² acceleration (10 G approx.) in X, Y and Z directions for three times each Pollution degree 2 Overvoltage category Usable altitude 2,000 m 6,562 ft or less Temperature characteristics (+20°C standard) +10 to +40°C +50 to +104°F: Within ±1 % F.S. 0 to +50°C 32 to +122°F: Within ±2 % F.S. 0 to +50°C 32 to +122°F: Within ±5 % F.S.	inviro	Vibration resistance		10 to 150 Hz frequency, amplitude 0.75 mm 0.030 in or maximum acceleration 49 m/s², in X, Y and Z directions for two hours each		
Overvoltage category Usable altitude 2,000 m 6,562 ft or less Temperature characteristics (+20°C standard) 1 to +40°C +50 to +104°F: Within ±1 % F.S. 0 to +50°C 32 to +122°F: Within ±2.5 % F.S. 1 to to +40°C +50 to +104°F: Within ±2 % F.S. 0 to +50°C 32 to +122°F: Within ±5 % F.S.	Ш	Shock resistance		100 m/s ² acceleration (10 G approx.) in X, Y and Z directions for three times each		
Usable altitude 2,000 m 6,562 ft or less Temperature characteristics (+20°C standard) 2,000 m 6,562 ft or less +10 to +40°C +50 to +104°F: Within ±1 % F.S. +10 to +40°C +50 to +104°F: Within ±2 % F.S. 0 to +50°C 32 to +122°F: Within ±5 % F.S.	Pollution degree			2		
Temperature characteristics +10 to +40°C +50 to +104°F: Within ±1 % F.S. +10 to +40°C +50 to +104°F: Within ±2 % F.S. (+20°C standard)	Overvoltage category					
(+20°C standard) 0 to +50°C 32 to +122°F: Within ±2.5 % F.S. 0 to +50°C 32 to +122°F: Within ±5 % F.S.	Usable	e altitud	•	2,000 m 6,562 ft or less		
Grounding method Floating						
	Grounding method			Floating		
Pressure port M5 female thread	Pressure port			M5 fema	le thread	
Material Enclosure: PBT (glass fiber reinforced), LCD display: Acrylic, Pressure port: Brass (nickel plated), Mounting threaded part: Brass, O-ring: Nitrile rubber (NBR), Key section: Polycarbonate	Material					
Weight 25 g approx.	Weight			25 g approx.		
	Accessory			CN-14A-C2 (Connector attached cable 2 m 6.562 ft): 1 pc.		
	Accessory			CN-14A-C2 (Connector attached cable 2 m 6.562 ft): 1 pc.		

Note: Where measurement conditions have not been specified precisely, the conditions used were an ambient temperature of +20 °C +68 °F.



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