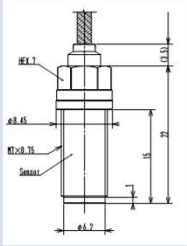
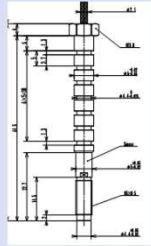
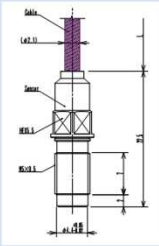
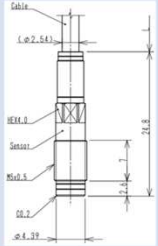
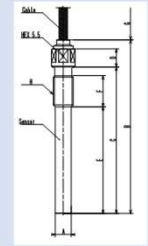
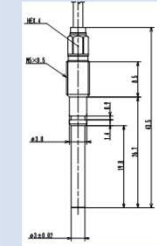
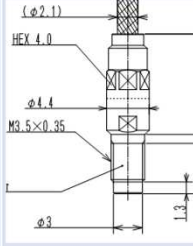


CPS: Lineup for General Measuring Applications

CITIZEN

Part No.	CAS-04C	CAS-05 series	CAS-15S	CAS-15A	CAS-17 series	CAS-19 series	CAS-23 series
Applications / Characteristics	For measurement	Through water-cooled jacket Motorcycles, etc.	For measurement Standard M5	For measurement Standard M5	For measurement Plug-in	φ3.0 ultra-fine type Combined with adapter	Micro screw M3.5
Appearance image							
Detectable pressure range:Mpa(bar)	0~25 (0~250)						
Sensitivity(pC/bar)	-33	-22	-22	-13.5	-19	-10	-10
Linearity(%FSO)※1)	≤±0.7	≤±0.5	≤±0.5	≤±0.5	≤±0.5	≤±0.5	≤±0.7
Response frequency range(kHz)	>85	>140	>140	>140	>140	>140	>140
Insulation resistance(Ω)	≥1.0E+13						
Measuring temperature range at pressure-sensitive face(°C)	~350						
Form of fastening (screw, Hex)	M7,HEX7	M5×0.5,HEX8	M5×0.5,HEX5.5	M5×0.5,HEX4	M5×0.5,HEX5.5	M5×0.5,HEX4	M3.5×0.35,HEX4
Cooling	Non-Cool						
Cable, output terminal	Dedicated low-noise cable, BNC connector						

※1) Linearity (%FSO) is the maximum error allowable in the model specifications under standard operating conditions.

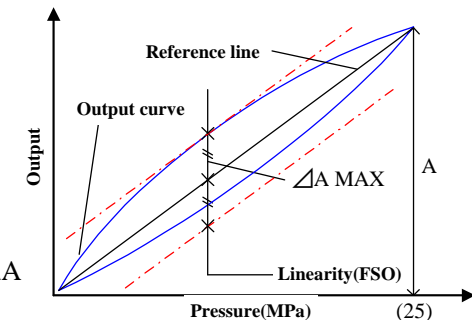
$$\pm \text{Linearity}(\%) = \frac{\text{Max}\Delta A}{A} \times 100$$

A=Value at the maximum pressure application indicated on the reference line

...The reference line is the line of sensor output values approximated using the least squares method at a given pressure.

ΔA=The difference between the value on the output curve and the value on the reference line (output value - approximate value)

MaxΔA=The value on the output curve at the greatest divergence from the reference line, the maximum value of ΔA



※2) The above applies to the sensing section only. Charge amplifiers adjusted for individual sensor outputs are available separately.

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