



Rometec s.r.l.

Via Alessandro Minuziano, 87-89 , 00128 Roma

Tel. 065061635 – Fax 065061542

Sito web: www.rometec.it – email: info@rometec.it

P. IVA 04120621000 - CCIAA RM 736916

Reg. Soc. Tribunale RM 9229/91 - Cap. soc. 46'482,00 €



Scheda tecnica

Il trasduttore di pressione criogenico (modello CPT-20SD1)



Range	0 ~ 0.2MPa...15MPa...60MPa
Pressure type	Absolute pressure, gauge pressure
Operating Voltage	5-15VDC (10VDC)/ 9-36vdc
Signal output	0-5vdc, 0-10vdc, 4-20mA
Zero output	±5%FS (typical)
Full load output	10mV, 20mV, 100mV option
Linear	0.1%FS, 0.2%FS
Repeatability	0.05%FS
Accuracy	±0.25% FS, ±0.5% FS (default)
Normal temperature	0.1% FS, 0.2% FS, 0.5% FS;
Low temperature	0.5% FS% ~ 3% FS
Operating temperature	-196°C ~ +125°C 、 -210°C/-350°F (especial) 、 -252°C, -260°C can be customized
Low temperature zero drift	1 ~ 4% FS (full-temperature zone)
High temperature zero drift	1 ~ 4.5% FS (full-temperature zone)
Response frequency	> 1kHz or > 5kHz optional
Insulation resistance	≥ 100MΩ/50V
Safe overload	150% FS (1.5 times full scale)
Limit overload	300% FS (3 times the full scale)
Vibration	5 ~ 1000Hz, amplitude 2mm, X, Y, Z each to 30 minutes, the output changes less than 0.1% FS

Thread	M3, M4, M5, M6, M8, M10, M12 × 1 or a designated
Measuring medium	Liquid oxygen/liquid nitrogen/liquid hydrogen, etc.
Humidity	95% RH
Waterproof level	IP65 or IP67 enclosure

