

Digital pressure and temperature recorder for liquid

Features:

- Compact and robust, stainless steel and polyamide case (IP65);
- Excellent long term stability;
- Programmable measuring periods: 1 s ... 24 h;
- Max. 120.000 data storage capacity;
- 3 digits LCD display with optical start;
- To measure and record pressure in pipelines, in tanks, in reservoirs;
- IBM compatible (Notebook, or PC) communication interface (RS 232, or USB 2.0);
- Long lifetime lithium battery , at least 5 years (for a frequency of 1 reading/ 15min);



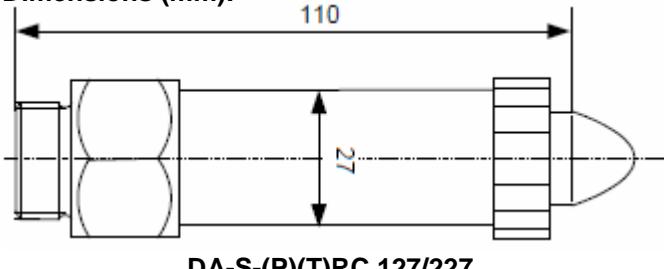
Types:

Type	Measuring range	Precision	Measurament	Typical applications
DA-S-PRC 127	0 ÷ 0.1, 0 ÷ 16bari	± 0.1%	Pressure	Pipelines, tanks, reservoirs
DA-S-PRC 227	0 ÷ 0.1, 0 ÷ 16bari	± 0.2%		Pipelines, tanks, reservoirs
DA-S-PRC 260	0 ÷ 0.1, 0 ÷ 20bari	± 0.2%		Pipelines, tanks, reservoirs, pressure test
DA-S-PRC 260 LCD	0 ÷ 0.1, 0 ÷ 20bari	± 0.2%		Pipelines, tanks, reservoirs, pressure test
DA-S-PTRC 127	0 ÷ 0.1, 0 ÷ 16bari, -5÷60°C	± 0.1%	Pressure Temperature	Pipelines, tanks, reservoirs
DA-S-PTRC 227	0 ÷ 0.1, 0 ÷ 16bari, -5÷60°C	± 0.2%		Pipelines, tanks, reservoirs
DA-S-PTRC 260	0 ÷ 0.1, 0 ÷ 20bari, -5÷60°C	± 0.2%		Pipelines, tanks, reservoirs, pressure test
DA-S-PTRC 260 LCD	0 ÷ 0.1, 0 ÷ 20bari, -5÷60°C	± 0.2%		Pipelines, tanks, reservoirs
DA-S-TRC 227	-5÷60°C	± 0.2%	Temperature	Pipelines, tanks, reservoirs

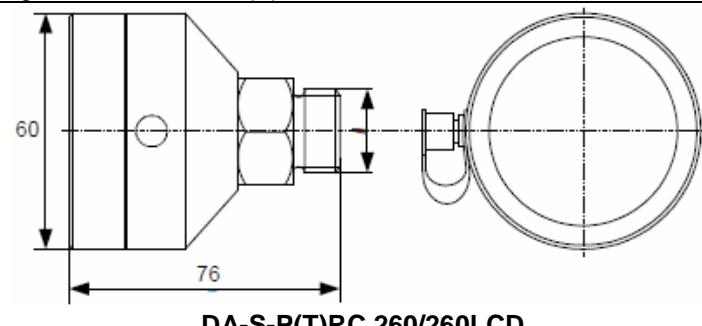
Technical specifications:

Overloadability	Max. 300% f.s. only type pressure	
Linearity error	< ± 0.1% f.s. → DA-S-P(T)RC 127 < ± 0.1°C → DA-S-PTRC 127	< ±0.2% f.s. → DA-S-P(T)RC 260/260LCD < ±0.2°C → DA-S-(P)TRC 260/260LCD/227
Temperature error	< ± 0.002% f.s./°C → DA-S-P(T)RC 127 < ± 0.1°C → DA-S-PTRC 127	< ±0.02% f.s. → DA-S-P(T)RC 260/260LCD < ±0.2°C → DA-S-(P)TRC 260/260LCD/227
Compensated temperature	0÷60°C (-20÷80°C) → DA-S-PRC 127	0÷60°C → DA-S-PRC 227/260/260LCD
Long term stability	< ± 0.1% / year → pressure, < ± 0.1°C / year → temperature	
Resolution	< 0.01% f.s. and < ± 0.01°C → DA-S-P(T)RC 127 < 0.1% f.s. and < ± 0.1°C → DA-S-(P)TRC 227/260/260LCD	
Data storage capacity	30 000 ÷ 120 000 measurement date	
Clock accuracy	< ± 10 min / year	
Programmable periods	1s ÷ 24 h	
Power supply	Lithium battery Li 3.6V	
Life cell	At least 5 years (for a frequency of 1 reading/ 15min)	
Baud rate	9600 bit/s	
Interface PC	RS 232 (DB9), USB 2.0	
System requirements	IBM compatible Notebook, or PC - Windows 95/98/NT/2000/XP	
Data format	Binary, HAFTER, EXCEL, text,...	
Case material	KO-36S, polyamide, S316L, titanium, PVC	
Case protection	IP 65	
Connection	G1/2", G3/4", M20x1.5	
Display	3 digits LCD → DA-S-P(T)RC 260 LCD	

Dimensions (mm):



DA-S-(P)(T)RC 127/227



DA-S-P(T)RC 260/260LCD