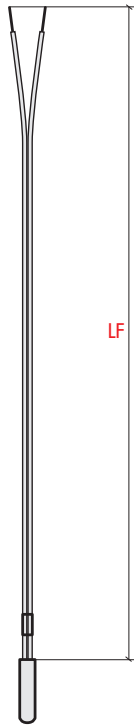


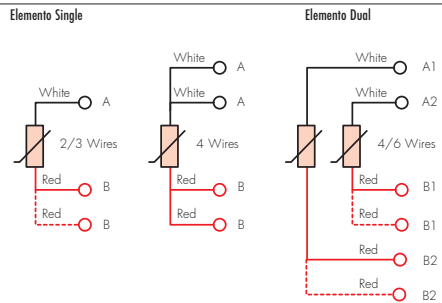


General purpose sensor with wire

Pt100 RTD
according to IEC 751
(EN60751)
with or without
extended length



Connections



Measurement current mA	* Response time (T50%)	
	water 0.2m/s sec	air 1m/s sec
1	0.2	5
3	0.2	5
3	0.3	7.5
5	0.8	20
1	0.1	3
2	0.1	5
3	0.3	10
3	1	35

Type	Sizes	Element Nr.i	Base code
Ceramic Working t. -200...+800		Single	A0 C2S
		Dual	A0 C2D
		Single	A0 C3S
		Dual	A0 C3D
		Single	A0 C4S
		Dual	A0 C4D
Thin film Working t. -50...+400		Single	A0 F2S
Teflon Working t. -70...+250		Single	A0 T1S
		Single	A0 T2S

Extension type	Tolerance (wire nr.)	LF Extension mm
S None	0 3-wire single Cl. B (1 DIN)	05 500
T Ag-Teflon rigid lead	1 3-wire single Cl. A (1/2 DIN)	10 1000
U Ag-Vetrotex rigid lead	2 3-wire single 1/3 DIN	15 1500
W AWG24 Teflon strand	3 4-wire single Cl. A (1/2 DIN)	20 2000
D TS 0 200°C max	4 4-wire single 1/3 DIN	25 2500
	5 4-wire dual Cl. B (1 DIN)	30 3000
		40 4000
		50 5000

* Response time corresponds to the time necessary to the RTD to achieve a 20°C temperature change - T (water = 0/s, air = 1m/s).
T50 is the time necessary to reach 50% of applied "T".
For a quick calculation of 63% and 90%, apply the following formula: T63 = 1.44 T50 - T90 = 3.33 T50

Note: Other LF lengths upon request. Code example: LF = 3500mm cod. **35**.

Product code example: **A0 C4S - D005**

Ceramic single element RTD, Teflon Silicone extension, 3-wire Pt100 Single element Cl. B (1 DIN), Extension mm 500.