



General purpose MgO sensors

RP5

Straight RTD,
o.d. from 2
up to 4.5mm, connection
wire, optional fixed
attaching device

Type of wire	Diam. øG mm	Base code	Value in Ω at 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Type of thread	Extension LE mm	Lc wire length m	Type of termination
EES - stn 300°C max	2	P5 A20	P Pt100 DIN - IEC	O 3-wire single el. Cl. B (1 DIN)	O Ceramic 750 °C max	B AISI 316	O100	S None	OO None	10 1	P
TS O 200°C max	2	P5 D20									R
TS T 220°C max	2	P5 G20		1 3-wire single el. Cl. A (1/2 DIN)				A M6 x 1 - L10 CH-10 (pour ø2 et ø3)	O2 20	05 0.5	S
EES - stn 300°C max	3	P5 A30		2 3-wire single el. 1/3 DIN			O200	B M8 x 1.25 - L10 CH - 14	O3 30	15 1.5	F
TS O 200°C max	3	P5 D30		3 4-wire single el. Cl. A (1/2 DIN)			O250	D M10 x 1.5 - L13 CH - 14	O5 50	20 2	F
TS T 220°C max	3	P5 G30		4 4-wire single el. 1/3 DIN			O300	ET 1/8" Gas - L12 CH - 14		25 2.5	D
EES - stn 300°C max	4.5	P5 A45		6 *6-wire dual el. Cl. B (1 DIN)			O350	F 1/4" Gas - L13 CH - 17		30 3	D
TS O 200°C max	4.5	P5 D45		7 *6-wire dual el. Cl. A (1/2 DIN)			O400	M 1/8" NPT - L10 CH - 14		35 3.5	G
TS T 220°C max	4.5	P5 G45		8 *6-wire dual el. 1/3 DIN			O450	N 1/4" NPT - L13 CH - 17		40 4	G
							O500			45 4.5	J
							L min O080			50 5	R
				* ø 4.5 only						00 10	R

Note: other lengths on request for LG, LE and Lc. Code ex.: LG = 135mm cod. 0135 / LE = 60mm cod. 06 / Lc = 7m cod. 70

Reference model:

Straight MgO RTD with tinned EEs wire, 4.5mm ø sheath, 3-wire Pt100 single element, class B (1 DIN), ceramic element, AISI316 sheath, 100mm length, no attaching device, no extension, 1m wire and 1.8mm diam. terminals.

