

6.11.2 PTC platinum

RESISTANCE TEMPERATURE DETECTOR, THIN FILM PLATINUM SENSOR, PTC, RANGE 100 TO 2000 OHMS AT 0°C				352C
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 4006 Detail ESCC 4006/015	Innovative Sensor Technology IST AG, Ebnat-Kappel Switzerland	Qualification	ESA	February 2018
Remarks				
Qualified range: variants and options listed below.				
4006015	XX	XX	XXXX	
			Characteristic Code	
		0100 to 9999	Extension Cable/Wires Nominal Total Length [mm]	
		left blank	Sensor with platinum leads only	
			Characteristic Code: Termination Type	
		00	Sensor with platinum leads only (no extension cable/wires)	
		01	Twisted 2-core extension cable (no shield) / ESCC Component 390101910B	
		02	Twisted 4-core extension cable (no shield) / ESCC Component 390101926B	
		03	Twisted 2-core extension cable with shield and jacket/ ESCC Component 390101957B	
		04	Twisted 4-core extension cable with shield and jacket / ESCC Component 390101973B	
		05	2-wire extension (single extension wires) / ESCC Component 390101902B	
			ESCC Component Type Variant Number, Sensor element	
		01	Pt0k1, Temperature Range: -50 ° C to 150 ° C (Nominal RZ 100 Ω at 0°C), (Nr 101410)	
		02	Pt0k1, Temperature Range: -200 ° C to 200 ° C (Nominal RZ 100 Ω at 0°C), (Nr 101411)	
		03	Pt0k2, Temperature Range: -50 ° C to 150 ° C (Nominal RZ 200 Ω at 0°C), (Nr 150026)	
		04	Pt0k2, Temperature Range: -200 ° C to 200 ° C (Nominal RZ 200 Ω at 0°C), (Nr 101412)	
		05	Pt0k5, Temperature Range: -50 ° C to 150 ° C (Nominal RZ 500 Ω at 0°C), (Nr 101413)	
		06	Pt0k5, Temperature Range: -200 ° C to 200 ° C (Nominal RZ 500 Ω at 0°C), (Nr 101414)	
		07	Pt1k0, Temperature Range: -50 ° C to 150 ° C (Nominal RZ 1000 Ω at 0°C), (Nr 101415)	
		08	Pt1k0, Temperature Range: -200 ° C to 200 ° C (Nominal RZ 1000 Ω at 0°C), (Nr 101416)	
		09	Pt2k0, Temperature Range: -50 ° C to 150 ° C (Nominal RZ 2000 Ω at 0°C), (Nr 101417)	
		10	Pt2k0, Temperature Range: -200 ° C to 200 ° C (Nominal RZ 2000 Ω at 0°C), (Nr 101418)	