

HEATSENSE®

CABLES

Specialist High-Performance Solutions

SENSOR CABLE - HEATSENSE SPECIFICATION DATA SHEET

CABLE TYPE

HIGH TEMPERATURE SENSOR CABLE

GENERAL DESCRIPTION

TIN, SILVER AND NICKEL PLATED COPPER CONDUCTORS, INSULATED AND SHEATHED WITH HIGH TEMPERATURE ETFE, FEP, PFA or PTFE, SCREENED WITH TIN, SILVER AND NICKEL PLATED COPPER, MULTI-CONDUCTOR CONSTRUCTIONS.

RELEVANT STANDARDS

GENERALLY IN ACCORDANCE WITH BS3G210

Conductor AWG (mm ²)	Conductor Stranding	Conductor O/D (mm)	Core O/D (mm)	Number of Cores	Diameter over Screen	Diameter over Sheath	DC Resistance Ω /Km Nominal
26 (0.12)	7/0.150	0.45	0.75	2	1.95	2.45	146
				3	2.06	2.56	
				4	2.26	2.76	
				6	2.70	3.20	
				7	2.70	3.20	
24 (0.22)	7/0.200	0.60	0.90	2	2.25	2.75	82
				3	2.39	2.89	
				4	2.62	3.12	
				6	3.15	3.65	
				7	3.15	3.65	
22 (0.34)	19/0.150	0.75	1.05	2	2.55	3.05	54
				3	2.71	3.21	
				4	2.98	3.48	
				6	3.60	4.10	
				7	3.60	4.10	
20 (0.60)	19/0.200	1.00	1.30	2	3.05	3.55	30
				3	3.25	3.75	
				4	3.59	4.09	
				6	4.35	4.85	
				7	4.35	4.85	

CABLE CHARACTERISTICS

VOLTAGE RATING:

300 V RMS

TEMPERATURE RATING:

-75°C to +150°C (ETFE), +200°C (FEP) & +260°C (PFA, PTFE)

GENERAL CONSTRUCTIONS:

**TPCW CONDUCTOR AND SCREEN, ETFE INSULATED AND SHEATHED
SPCW CONDUCTOR AND SCREEN, FEP INSULATED AND SHEATHED
NPCW CONDUCTOR AND SCREEN, PFA/PTFE INSULATED AND SHEATHED
ANY COMBINATION THERE OF....**

Generally used as signal/data transmission from sensor, transmitter or transducer to control unit/display. Internal usage wiring of equipment and external interconnect cable. High temperature measuring and testing technology.

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