



ems3000 sensor wires

Data Sheet

PART NUMBER

TITLE

SEN-210150	Sensor Wire, RAST Connector, Single Insulation, 1.5 Mtr, Black
SEN-210250	Sensor Wire, RAST Connector, Single Insulation, 2.5 Mtr, Black
SEN-210350	Sensor Wire, RAST Connector, Single Insulation, 3.5 Mtr, Black
SEN-212350	Sensor Wire, RAST Connector, Single Insulation, 3.5 Mtr, Black/Blue
SEN-212500	Sensor Wire, RAST Connector, Single Insulation, 5.0 Mtr, Black/Blue
SEN-215150	Sensor Wire, RAST Connector, Single Insulation, 1.5 Mtr,
SEN-215250	Sensor Wire, RAST Connector, Single Insulation, 2.5 Mtr
SEN-215350	Sensor Wire, RAST Connector, Single Insulation, 3.5 Mtr
SEN-215500	Sensor Wire, RAST Connector, Single Insulation, 5.0 Mtr

PRODUCT DESCRIPTION

A sensor wire terminated with polarized RAST connector HRB - M7238R-2-1-(4) for direct connection to EMS3000 series controllers APP, EVAP and HT inputs.

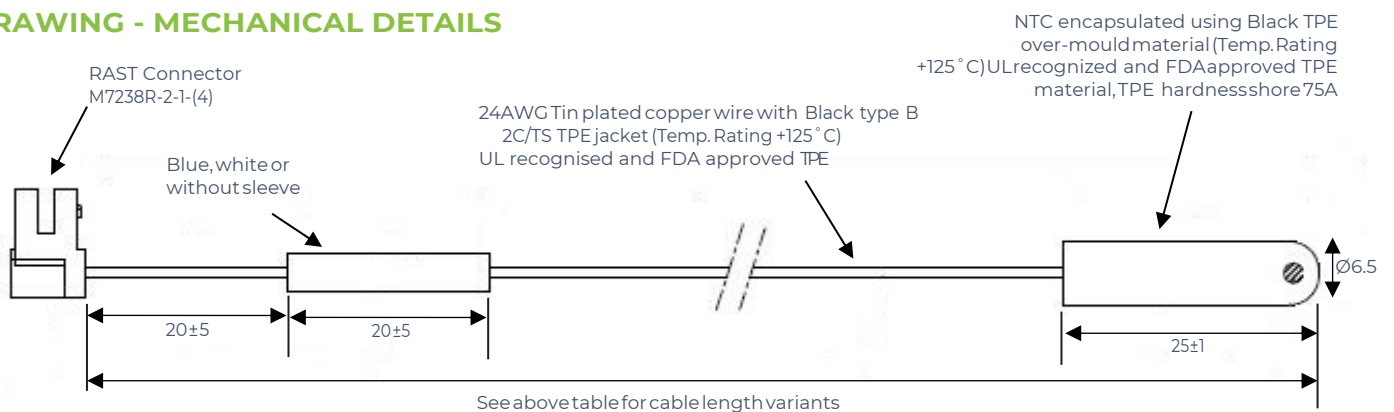
Available clips for use with these sensor wires:

301-0119-Clip, high temperature, sensor wire, 6-8mm

301-0120-Clip, high temperature, sensor wire, 8-10mm

This part must not be fitted using cable ties. Using cable ties will invalidate the warranty.

DRAWING - MECHANICAL DETAILS



SPECIFICATION

PARAMETER	VALUE
Sensing Element	Glass NTC thermistor
No-load resistance at 25°C	10k Ω
Tolerances at 25°C	± 1%
Beta (25/85) Constant	3960K ± 1%
Operating temperature	From -40°C to 125°C
Dielectric strength	3750 V AC
Protection	IP 68
Type of Insulations	Single
RoHS Compliant	Yes

MATERIAL

AWG24~Tin plated copper wire with Glass NTC thermistor encapsulated UL recognized and FDA approved black TPE overmould material (temp rating +125 °C, Shore hardness 75A). O.D. 1.5*~3.3mm

vUL recognized and FDA approved TPE

Heat shrink tube Ø3.5 rated -0VW-1 (if applicable)