Reference: 084Z8215

Type Code MBT 5252 , Weight 0.392 Kg , Ambient temp. max. 85 °C , Ambient temp. max. 185 °F , Conn. std. ISO 228

Buy it at Electric Automation Network

The MBT 5252 is a heavy-duty temperature sensor that can be used for controlling cooling water, lubrication oil, hydraulic oil and refrigeration plants within general industry and marine applications. This temperature sensor is based on a standardized Pt100 or Pt1000 element, which gives a reliable and accurate measurement. The MBT 5252 can be delivered with NTC/PTC elements on request. If needed, a transmitter (MBT 9110) can be ordered as an integrated part of the sensor. In the low temperature version (-50 °C to +200 °C) the measuring insert is based on a silicone cable, which makes the sensor very resistant towards vibrations. All parts in contact with the media are made of stainless steel AISI 316 Ti. The MBT 5252 is equipped with a B-head as standard, but can be delivered with B-mini or B-head with screw cap on request. For gaseous or liquid media, e.g. air, gas, vapour, water or oil Up to +400° C media temperatures Available with built-in transmitter Available with all relevant marine approvals

Type Code	MBT 5252
Weight	0.392 Kg
Ambient temp. max.	85 °C
Ambient temp. max.	185 °F
Conn. std.	ISO 228
Conn. type	G
EAN no.	5702423114221
Electr. conn.	Type B
Electr. conn. size	Pg 16
Encl.	IP65
Ext. length	1,97 in
Ext. length	50 mm
Insert length	3,94 in
Insert length	100 mm
No. of terminals	3 PC

Output sign.	4 - 20 mA
Process conn. Male/Female	Male
Process conn. mat.	Stainless steel

Process conn. size	1/2
Process conn. std.	ISO 228-1-A
Process conn. type	G
Prot. tube diam. (ø)	0,40 in
Prot. tube diam. (ø)	10,0 mm
Prot. tube mat.	AISI 316 Ti
Resistance value	1 x Pt x 100
Sensor element std.	EN 60751
Sensor element tol.	Class B
Sensor Insert	exchangeable
Supply volt.	8,00 - 35,00 V
Temp. range	-50 - 200 °C
Temp. range	-58 - 392 °F
Transm. setting range	0 - 100 °C
Transm. setting range	32 - 212 °F
Transm. type	Standard
Type designation	MBT 5252-0011-0100-0200-G110
Wires	2 PC