


**Universal cable temperature sensor**

- + For temp. measurement & regulation where reliable, robust & accurate equipment is required
- + Temperature range from -50°C to 200°C.
- + Pt100 or Pt1000 resistance element
- + 2 or 4 wire connection
- + Short response times
- + Can be used with MBT 9110 temperature transmitter, page 94

**Technical data**

Max. ambient temperature:	PVC wired version: 100°C, Silicone version: 200°C
Enclosure:	IP 67
Materials:	Cable: PVC 3-8.0mm, Silicone 3-6.2 mm (2 wire), Silicone 4-8.14mm (4 wire) Sensor pocket: MBT 5253 (MBT 5253)
Response time (t <sub>90</sub> ):	33 sec. (cable at 0.2 m/s), With fast conductive compound, <b>04180010</b> : 10 sec.

For further information

See Datasheet DACT.P0.F10.4

**Ordering – MBT 153 Sensor element**

Cable	Sensor element	Cable length (m)	Connection	
			3-wire Code No.	4-wire Code No.
PVC max. 100°C	Pt100	3.5	09420090	-
	Pt100	5.5	09420091	-
	Pt100	8.5	09420092	-
	Pt1000	3.5	09420093	-
	Pt1000	5.5	09420094	-
	Pt1000	8.5	09420095	-

Cable	Sensor element	Cable length (m)	Connection	
			2-wire Code No.	4-wire Code No.
Silicone max. 200°C	Pt100	3.5	09420096	09420215
	Pt100	5.5	09420097	09420042
	Pt100	8.5	09420098	09420216
	Pt1000	3.5	09420099	-
	Pt1000	5.5	09420100	-
	Pt1000	8.5	09420101	-

**Ordering – MBT 5253 Sensor pocket**

Insertion length G1/4	Process connection
	Code No.
50 mm	09420080
100 mm	09420081
150 mm	09420082
200 mm	09420083
250 mm	09420084

**Dimensions**
