dol SENSORS

MAKING SENSE IN YOUR PRODUCTION

DOL 12

DOL 12 is a simple temperature sensor encapsulated by plastic material and suitable for usage in environments requiring a sturdy design.

140200 DOL 12 TEMPERATURE SENSOR

This sensor is designed for measuring inside temperature as well as outside temperature.

TECHNICAL DATA

Electrical	
Measuring range	-10 °C … +40 °C
Accuracy	± 0.5 °C
Time constant T_{63}	5 min. at 0.5 m/s air velocity
Supply voltage	10 V
Environment	
Ambient temp., operation	-10 °C … +40 °C
Ambient temp., storage	-30 °C … +75 °C
Protection class, electronics	IP 67
Shipping	
Length	75 mm
Diameter	14 mm
Cable 2-leder	2-wire, 1.4m, ø5 mm
Weight incl. of cable	80 g

dol SENSORS
MAKING SENSE IN YOUR PRODUCTION

DOL 13

DOL 13 is a universal and fully electronic temperature sensor.

140207 DOL 13 TEMPERATURE SENSOR
This sensor is designed for measuring inside temperature as well as outside temperature.
The electronics of the sensor is embedded in special plastic and it is well suited for application in environments where a sturdy design is required.
The temperature sensor consists of an embedded temperature transducer and protection components.

TECHNICAL DATA

When connected to 4-30 V it can measure a power supply of 1 µA/°Kelvin (-273.2 °C), i.e. 300 µA at 26.8 °C.
If you measure the resistance (Ω), there is passage (diode) one way but a non-usable figure the other way

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