INDUSTRIAL TEMPERATURE DETECTORS
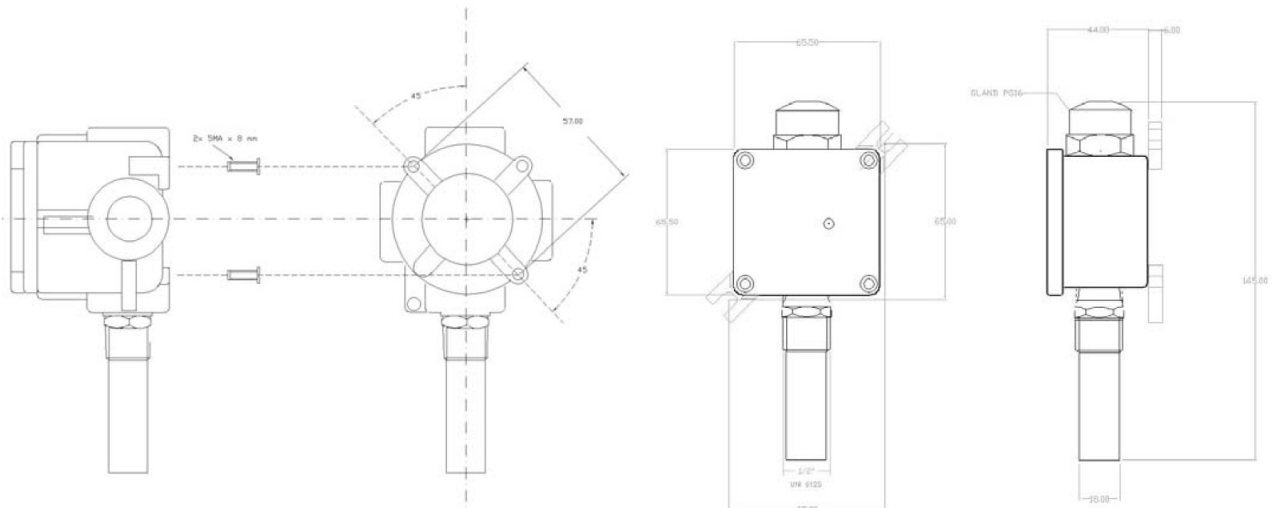
AE/DT-TMP2DA2, AE/DT-TMP2DC, AE/DT-TMP2DD

Description

Interactive, to be used in hazardous industrial areas with protective PCB coating and short circuit isolator. It complies with the EMC directive and is immune to electromagnetic disturbances. High reliability thanks to self-diagnosis, programmable LED for status indication and two-wire technology. With low power consumption. Not influenced by dust, humidity, exhaust gases. Resistant to shock and vibrations.

Dimensions

TECHNICAL CHARACTERISTICS

Sensor:	semiconductor
Temperature range:	-20 ° C to + 120 ° C
Protection code:	ATEX II 2G Ex d IIC T6
Degree of protection:	IP65 (Probe IP67)
Location:	Dangerous area
Short-term repeatability:	± 2% FSD 60 min.
Long-term repeatability:	± 3% FSD 3 months.
Accuracy (linearity):	± 1% FSD
Storage temperature:	-40 to 85 ° C
Operating temperature:	-20 to 120 ° C
Humidity range:	90% R.H. n.c.
Supply voltage:	10-30 Vdc
Supply current:	Around 20/30 uA under normal conditions
Alarm:	> 20 mA in cond.
Power fuse:	50 mA
Connection cable:	2 conductors
Overall dimensions:	170x100x70 mm
Weight:	150g.
Probe accessory:	UNI6125 1/2 "conical thread
Junction Box Accessory:	UNI6125 1/2 "Tapered Thread

CERTIFICATIONS

Certified ATEX II 2G Ex d IIC T6
EN54-5 CPR certificate

CESI 03 ATEX 042   0068-CPR-009/2014

1