



Wall-mounted Pt100 temperature sensor

7411C

- Accuracy, IEC 60751 class A
- Red-lacquered lightweight metal housing
- Protection tube Ø 6 x 80 mm
- Ambient temperature range -40°C to +80°C

Application

 Temperature measurement in general work, industrial and storage facilities as well as cold and freezing rooms.

Technical characteristics

- The sensor element is a thin film platinum resistor Pt100 in compliance with the standard IEC 60751 DIN class A.
- The protecting tube measures Ø 6 x 80 mm. It is made of stainless, acid-proof steel W No. 1.4571/ AISI 316TI.
- The terminal head is produced of lightweight metal and protected against corrosion through industrial lacquering.

Electrical connection

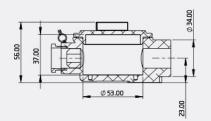
• The sensor is delivered with a 4-wire connection.

Option

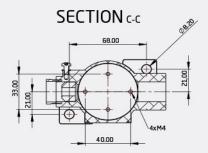
• The Pt100 temperature sensor type 7411C can be delivered with an integrated 2-wire universal temperature transmitter type 5331, 5332, 5333, 5335, 5337 or 5437.

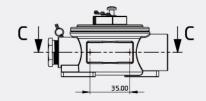
Applications

SECTION B-B









Εn	/iron	man	tal	Con	diti	nne
	viron	шеп	Lai	COH	ши)IIS

Environmental ConditionsProtection degree......IP67

Mechanical specifications

Protection tube	Ø 6 mm
Sensor length	80 mm
Interior diameter	Ø 53 x 34 mm
Cable connection (screwed)	M20 x 1.5

Common specifications

Recommended sensor current	≤ 2 mA
Max. temperature deviation	
at 0°C	≤ ±0.15°C
Accuracy	IEC 60751, Class A