




# Resistance thermometer EWTS

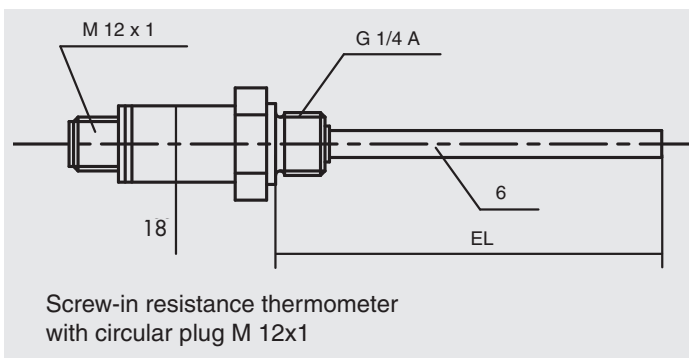
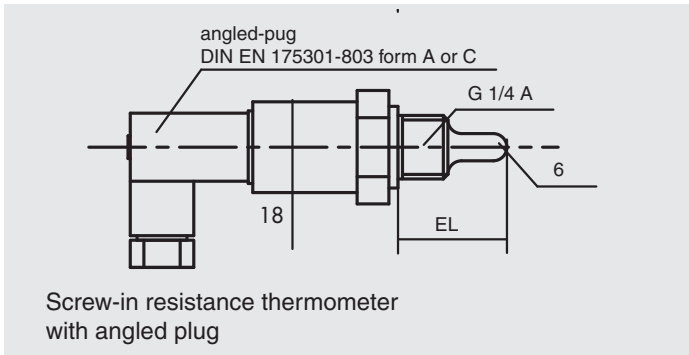
Compact resistance thermometer for plug-in connection

 and  version also available





## Construction

- Compact size
- Variable connector assemblies available
- Screw-in thread G 1/4" (others on request)
- Pt100 acc. to DIN EN 60751 class B
- Various measuring inserts available (i.e. Pt 1000)
- 2-, 3- or 4-conductor wiring provided
- Special types for high pressure use available
- Temperature range from -50 ... +250° C
-  II 2G Ex ia IIC T6-T2
-  -approval 13989-15HH

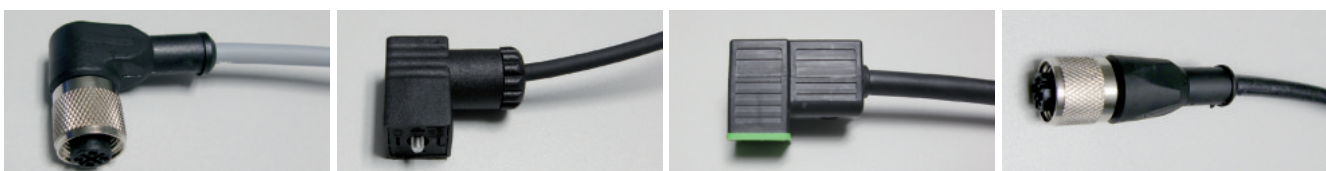


## Description

Type EWTS resistance thermometers allow temperature measurement in pressurized media in compactors and in the field of plant engineering and construction. Variable plug-in connector assemblies provide adaptation to each application. The units are Pt100 or Pt1000 equipped as a standard.



Technical data	Type: EWTS  
Temperature range	-50 ... +250 °C
Process connection	G1/4", G1/2" others on request
Material	Stainless steel 1.4301
Sensor type	Pt100 / Pt1000 acc. to DIN EN 60751 class B
Wiring mode	2-, 3- or 4-conductor wiring
Installation length	10 ... 250 mm, 6 mm diameter
Protection class	IP 65
Pressure resistance	Up to 100 bar, acc. to type

## Assembled cable and connection accessories (see page 208)







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## Type designation codes

Type **EWTS** or -EWTS or -EWTS

- 1 **B** = M12 x 1  
**A** = plug EN 175301-803 form A  
**C** = plug EN 175301-803 form C
- 2 Protective pipe diameter  
 1  1,5  3  4  5  6  7  8  10 mm  
 Protective pipe diameter   version  
 6  7  8  10 mm
- 3 Length EL = ...  
 50  100  200  250 mm (others on request)  
 Length EL   version  
 22  60  85 mm (others on request)
- 4 Protective pipe material  
 **3** = stainless steel 1.4571
- 5 Sensor quantity  
 1 x  
 2 x
- 6 Sensor type  
 **Pt** = Pt 100  **PtM** = Pt 1000
- 7 Connection  
 **2**-conductor  
 **3**-conductor  
 **4**-conductor
- 8 Class  
 Resistance thermometer  
 **0** = standard  
 **1** = 1/2 DIN IEC 751  
 **2** = 1/3 DIN IEC 751
- 9 Process connection, welded  
 G 1/4  G 3/8  G 1/2  M 12 x 1,5  
 adaptor G 1/4 G 1/2A (ident no. 100.G1/4/G1/2A)  
 clamp connector, steel, relocatable  
 or stainless steel

Example: EWTS 

1	2	3	4	5	6	7	8	9			
B	6	x 300	3	1	Pt	-	2	-	0	-	G1/2

EWTSB, 6x300.3.1Pt-2.0.G1/2

Example : Ex-EWTS ...

: GL-EWTS ...