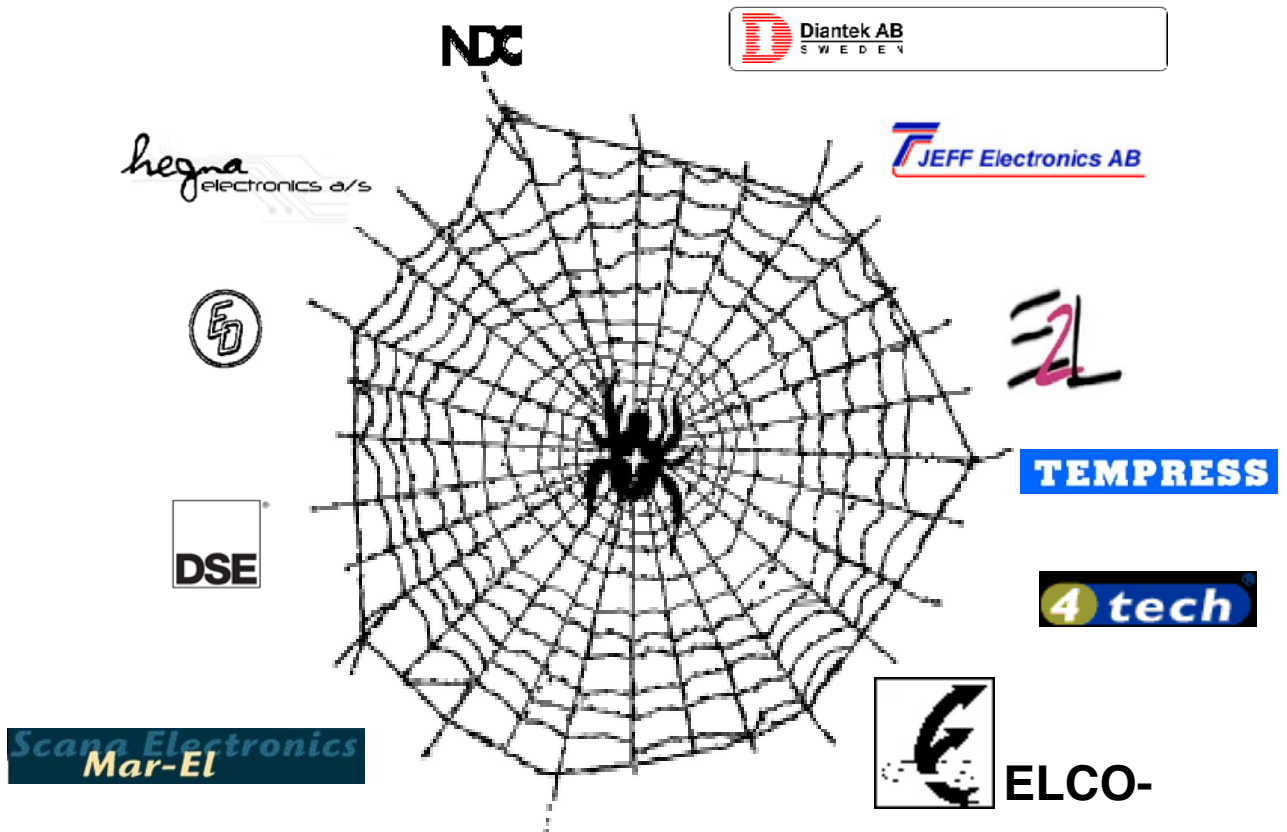


# IMSAB COMPONENT GUIDE for industry and shipping



## Temperature sensor type P2208



# Temperature sensor type P2208

manufacture Tempress



- Pt100 acc. to DIN IEC 751 (DIN43760)
- Replaceable insert
- Temperature range -50 to + 180°C
- Unique resistance to corrosion damp, vibrations and wear
- Immersion tube diameter Ø8 mm
- Immersion length min. 40 mm
- Connection G1/4B or G1/2B
- Plug with PG 9 cable gland (IP 67)
- Competitive price

## DESIGN

TEMPRESS temperature sensor type P2208 is a standard sensor, with stainless steel immersion tube and a G1/4B or G1/2B connection. The electrical connection is a water proof plug (IP67) which is screwed on to the sensor, with a PG 9 cable gland.

The sensor is delivered with a replaceable insert, which makes replacement of the sensor very easy.

The Pt100 sensor has an accuracy acc. to DIN IEC 751 class B (1/1 DIN).

The series is employed in all types of industrial and processing plants requiring electronic temperature measurement.

## SPECIFICATIONS

Temperature sensor with replaceable insert P2208	
Sensor element	4-wire Pt100
Accuracy	DIN IEC 751 Class B
Immersion material	W.Nr. 1.4571 (AISI 316)
Tube diameter	Ø8 mm
Tube length	L.... min. 40 mm
Connection material	W.Nr. 1.4571 (AISI 316)
thread	G1/4B or G 1/2B
hread length	15 mm
width of jaw	A/F 19, or A/F 27
Neck material	Nickel-plated brass
diameter	Ø12mm
length	35 mm
Insert material	Silicone cable / brass
plug-socket	IEC 947-5-2, 4-wire
Plug type	IEC 947-5-2, 4-wire
cable gland	PG 9
Media temperature	-50 to +180°C (-58 to + 356°F)
Ambient temperature	-25 to +90°C (-13 to + 194°F)
Enclosure class	IP 67

## ORDERING INSTRUCTIONS

EMPERATURE SENSOR, TYPE  
P2208. THREAD = G1/4B OR G1/2B, L= xxx mm  
EG. P2208 G1/2B, L100

INSERT FOR TEMPERATURE SENSOR, TYPE  
P2208, L2=L+40,5 mm  
EG. P2208 INSERT, L2=140,5



