



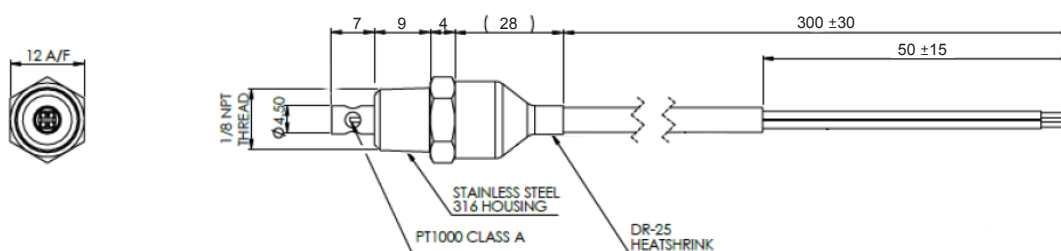
- ▶ **LTP-BC-1/8NPT-30-PT1000A**
- ▶ **Ideal for measuring air flow**
- ▶ **Robust and compact design**
- ▶ **For harsh environments**
- ▶ **Wide environmental temperature range**

The LTP-BC-1/8NPT-30-PT1000A has been specifically designed for demanding temperature measurement tasks as can be found in motor vehicles. The probes are designed to withstand shock and vibration due to a robust overall construction. The selected materials are oil and fuel resistant for use in typical mobile applications

whilst supporting a wide environmental temperature range. The probe design allows air/gas to pass the exposed PT1000A temperature sensing element directly and thus providing accurate and fast response time whilst mechanically protecting the sensing element.

| Specifications                                                  |                                                   |
|-----------------------------------------------------------------|---------------------------------------------------|
| Element:                                                        | PT1000A, other elements on request                |
| Accuracy:                                                       | $\pm (0.15 \text{ K} + 0.002 \times  t )$         |
| Working temperature:                                            | -55° C to +230° C                                 |
| Environmental temperature:                                      | -55° C to +150° C                                 |
| Recommende applied current<br>(self heating must be considered) | 0.3 mA at 1000 $\Omega$                           |
| Housing:                                                        | 316 stainless steel                               |
| Cable:                                                          | FEP 4 core AWG24, tinned copper shield, 3.2 mm OD |
| Heat shrink:                                                    | sleeved DR-25                                     |

## Dimensions in mm



## Connections

Stranded wire 1 - White  
Stranded wire 1 - White  
Stranded wire 2 - Red  
Stranded wire 2 - Red

**Ordering information** LTP-BC-1/8NPT-30-PT1000A (810096)