

## EPIC® SENSORS

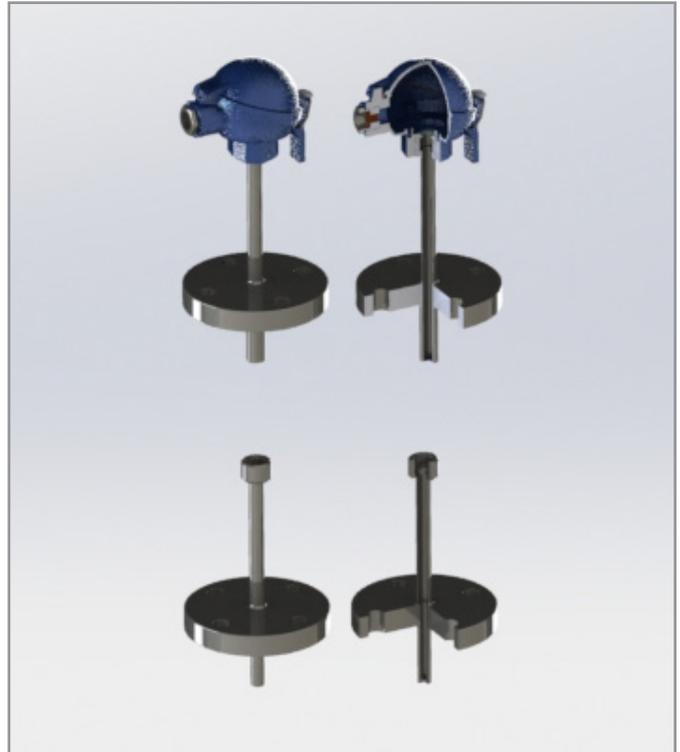
### Flanged thermowells

#### Features

- according to DIN 43772 form 2F
- fitted to application with bolts, no welding required
- allows the replacement of thermowell during process maintenance
- flanged thermowell with connection head typically houses the mineral insulated element for temperature sensing, this allows on the fly replacement of temperature sensor
- flanged thermowell with female thread and no connection head is typically used with threaded temperature sensor
- ATEX compatible Ex db version available
- special coatings available to increase wear and heat resistance
- 3D step models available on request.

#### Typical applications

- energy and power plant technology
- process industry
- chemical industry
- machinery and vessel construction
- manufacturing industry.



#### Technical data

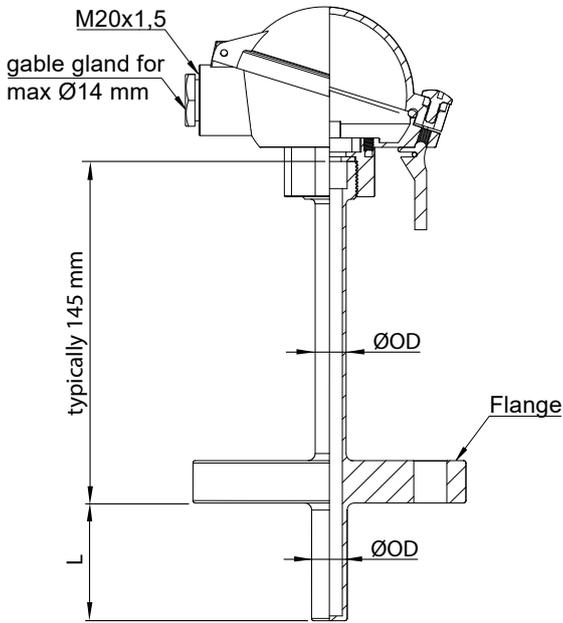
<b>Materials</b>	13CrMo44 / EN1.7335, max. temperature +550 °C, 10CrMo910 / EN1.7380, max. temperature +580 °C, 16Mo3 / EN1.5415, max. temperature +480 °C, AISI 316L / EN1.4404, max. temperature +600 °C Other materials available on request
<b>Flange</b>	Flat face DIN EN 1092 -1, type 05A, Other flange types available on request
<b>Thread</b>	G, R, metric and NPT, Other threads on request
<b>Diameter</b>	Ø11 mm, Ø15 mm or Ø22 mm, Other diameters available on request
<b>Approvals</b>	ATEX, IECEx
<b>Quality certificate</b>	ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 issued by DNV
<b>IP rating</b>	IP65, higher IP rating on request
<b>Special coatings</b>	FEP - known as a fluoropolymer, good for low temperature, exhaust gases and various acids, resistant to sunlight PFA - very similar to FEP, slightly better thermal stability and higher temperature resistance than FEP METCO - hardmetal coating especially for applications where sensors are exposed to grinding like crude oil pipes (sand/stones), rock wool blasting, etc. HALAR - for anticorrosion applications DIAMALLOY - corrosion protection with hard surface Other coating materials available on request

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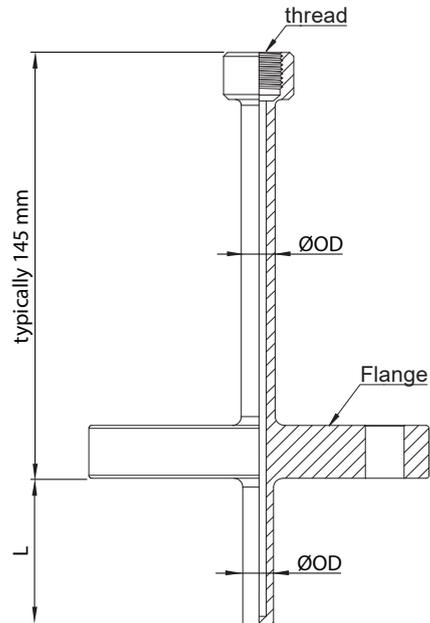
## Flanged thermowells

### Drawing

Flanged thermowell with connection head:



Flanged thermowell without connection head:



### Product code key

Example code: F — 15 — D/H — 1000 — DN25/PN40 — X

