

Cladding, coating and sleeves

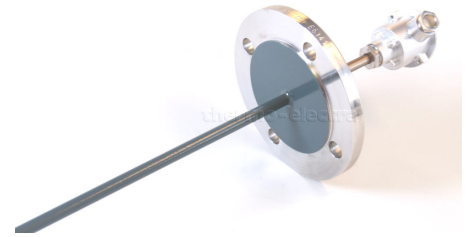
Cladding

Corrosion resistant sleeves: thermowell sleeve made of tantalum (tantalum) or titanium fits over a standard stainless steel thermowell and offers an inexpensive way to protect the well against corrosion of highly corrosive chemical solutions and liquids.

Chemical resistant sleeves made of PTFE / PFA Teflon® give a very good resistance to almost all aggressive and / or chemical substances. Very good heat resistant and also gives cryogenic stability.

Chemical resistant coating: PTFE / PFA / Teflon® PVDF / Kynar® or Halar® coating offer the best resistance for nearly all chemicals. Wide range of temperatures from cryogenic to high temperatures.

Wear resistant top layer from: Deloro Stellite®, Eutalloy®, Inconel 625 Tungsten carbide Wear - resistant Chromium oxide (Cr2O3) Wear - resistant Alumina (Al2O3) as a top coat layer results in an excellent wear - resistant thermowell.



Plastic Sleeves

Used for food and beverages, pharmaceutical, acid, caustic and electroplating applications.

Are made of tube, base and sheet material and then bonded together by "fusion" to come to a whole, wall thickness depends on the choice 0.5 to 1.5 mm thick, and then as "sleeve" around the stainless steel protection tube placed.

Coating

Metal sleeves

Used for food, pharmaceutical, acid, caustic and electroplating applications.

E-CTFE Halar -100°C / +200°C, Layer 500 tot 1000um. PFA Teflon -200°C / 260°C, layer 500 tot 1000um. PTFE Teflon -200°C / 250°C, layer standard 60um.

Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model

Option

H3-1 Rev. 07/07



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temperature sensor solutions

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