

# RTX 6060 Temperatuursensor met geïntegreerde transmitter



## Beschermbuis

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| <b>Constructie</b>   | Beschermbuis met gelaste bodem. Vloeistof-en gasdicht. |
| <b>Materiaal</b>     | RVS316 (L)                                             |
| <b>Insteeklengte</b> | "L" (inclusief schroefdraadlengte)                     |
| <b>Diameter</b>      | 3,0 mm of 6,0 mm                                       |

## Uitvoering

|                          |                 |
|--------------------------|-----------------|
| <b>Procesaansluiting</b> | Te specificeren |
|--------------------------|-----------------|

## Maximale procesdruk

T50 = <1,0 s; T90 = <2,0 s Afhankelijk van de procesaansluiting)  
100 bar (bij L= 100 mm / +20 °C)

**Geschroefd** Male G1/2" of G1/4", 1/2" NPT of 1/4" NPT. Kapmoer G3/8"

**Geflensd** TRI-CLAMP®, Micro-Clamp Tri-Clamp, Melkkoppeling DIN 11851 of Varivent®  
Min. 40mm, max. 1000mm, te specificeren

## Transmitter

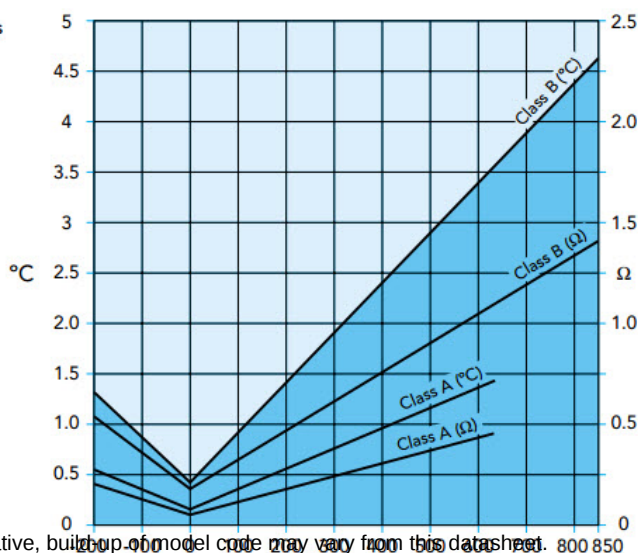
|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| <b>Meetbereik</b>                | Te specificeren                                        |
| <b>Sensorbreuk</b>               | Upscale of downscale, op te geven                      |
| <b>Sensor Type</b>               | Single Pt100                                           |
| <b>Sensor limiet (standaard)</b> | -30 / +300°C andere limiet op te geven                 |
| <b>Nauwkeurigheid sensor</b>     | Volgens IEC 60751 Klasse B                             |
| <b>Output</b>                    | Loop powered 4-20mA bij 8-35Vdc, M12 connector 4-polig |
| <b>Transmitter meetbereik</b>    | -200 / 650°C, min span 40°C                            |

## Responsnsnelheid

Tolerances for 100  $\Omega$  thermometers

| temp<br>°C | class A<br>$\pm^\circ\text{C}$ $\pm^\circ\Omega$ | class B<br>$\pm^\circ\text{C}$ $\pm^\circ\Omega$ |
|------------|--------------------------------------------------|--------------------------------------------------|
| -200       | 0.55 0.24                                        | 1.3 0.56                                         |
| -100       | 0.35 0.14                                        | 0.8 0.32                                         |
| 0          | 0.15 0.06                                        | 0.3 0.12                                         |
| 100        | 0.35 0.13                                        | 0.80 0.30                                        |
| 200        | 0.55 0.20                                        | 1.3 0.48                                         |
| 300        | 0.75 0.27                                        | 1.8 0.64                                         |
| 400        | 0.95 0.33                                        | 2.3 0.79                                         |
| 500        | 1.15 0.38                                        | 2.8 0.93                                         |
| 600        | 1.35 0.43                                        | 3.3 1.06                                         |
| 700        | -                                                | 3.8 1.17                                         |
| 800        | -                                                | 4.3 1.28                                         |

Tolerance values as a function of temperature  
for 100  $\Omega$  thermometers



## Ordering code

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

|                                  |          |    |  |  |  |  |  |
|----------------------------------|----------|----|--|--|--|--|--|
| Model                            | RTX 6060 | °C |  |  |  |  |  |
| Pt100 of Pt1000                  |          |    |  |  |  |  |  |
| Diameter                         |          |    |  |  |  |  |  |
| Insteeklengte in mm              |          |    |  |  |  |  |  |
| Procesaansluiting                |          |    |  |  |  |  |  |
| Meetbereik transmitter           |          |    |  |  |  |  |  |
| Sensorbreuk Upscale of downscale |          |    |  |  |  |  |  |

H2-1 Rev. 09/18