

Datasheet BTF2-C08-0000

Articlenumber: SA140015

Room temperature sensor, NTC8K, surface-mounted super flat



| | |
|---------------------------------------|--|
| Active temperature measurement | No |
| Ambient temperature, lower value | -10 °C |
| Ambient temperature, upper value | 50 °C |
| Bearing temperature, lower value | -20 °C |
| Bearing temperature, upper value | 70 °C |
| Colour | Pure white |
| Connection cross-section | 0,33 mm ² bis 1,5 mm ² |
| Cover fastening | Clamp fastening |
| Depth | 13,9 mm |
| Design | Berlin 1000 |
| Electric connection | Screw terminals |
| Height | 78,5 mm |
| Housing material | Plastic ABS |
| Max. measurement current | < 1 mA |
| Maximum air humidity (non-condensing) | 95 % r.H |
| Medium | Air, not aggressive |
| Mounting / attachment | Surface mounting |
| Passive temperature measurement | Yes |
| Protection class | III |
| RAL colour number (similar) | 9010 |

Safety and EMC

In accordance with DIN EN 60730

| | |
|---|-------------------|
| Sensor element | NTC internal |
| Sensor element inside the housing | Yes |
| Sensor element outside the housing | No |
| Sensor type | NTC 8K (sensor 3) |
| Surface properties | Gloss |
| Temperature measuring range lower value | -10 °C |
| Temperature measuring range upper value | 50 °C |
| Type of protection | IP30 |
| Version of sensor | Room sensor |
| Width | 78 mm |
| With explosion protection | No |
| With housing | Yes |
| With supply line | No |

