

Technical Data

Fiberglass spear probe AGSTR-D



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| Article | Fiberglass spear probe AGSTR-D |
| Article number | 1080005 |
| Application purpose | Measurement of temperatures in bulk storages |
| Scope of delivery | Spear probe |
| General information | |
| Operation | Insert probe directly into product |
| Material | handle: PET rod: fiberglass tip: stainless steel |
| Lengths | possible from 1.5m to 7.0m |
| Weight | handle: approx. 0.2kg tube: approx. 0.2kg/m |
| Breaking load | max. 10kN |
| Zone allocation | zonefree |
| Functional data | |
| Measuring method | digital, 2-wire technology |
| Measuring range | -40°C to +125°C |
| Max. cable length | 150m |
| Electrical data | |
| Operating voltage | max. 10V _{DC} |
| Power | max. 0.25W |
| Sensor connection | M12 screw connection, 4-pole, plug |
| Temperature range | |
| Ambient | -20°C to +55°C |
| Process | -20°C to +55°C |
| Storage | -20°C to +60°C / max. 2 years |
| Air humidity | max. 95% non-condensing |
| Safety relevant data | |
| Protection class | Protection class III |
| IP protection class | IP65 |
| ATEX certification | Zone 22 |