

TEMPERATURFØLERE



**1-WIRE
SILO FØLERE**

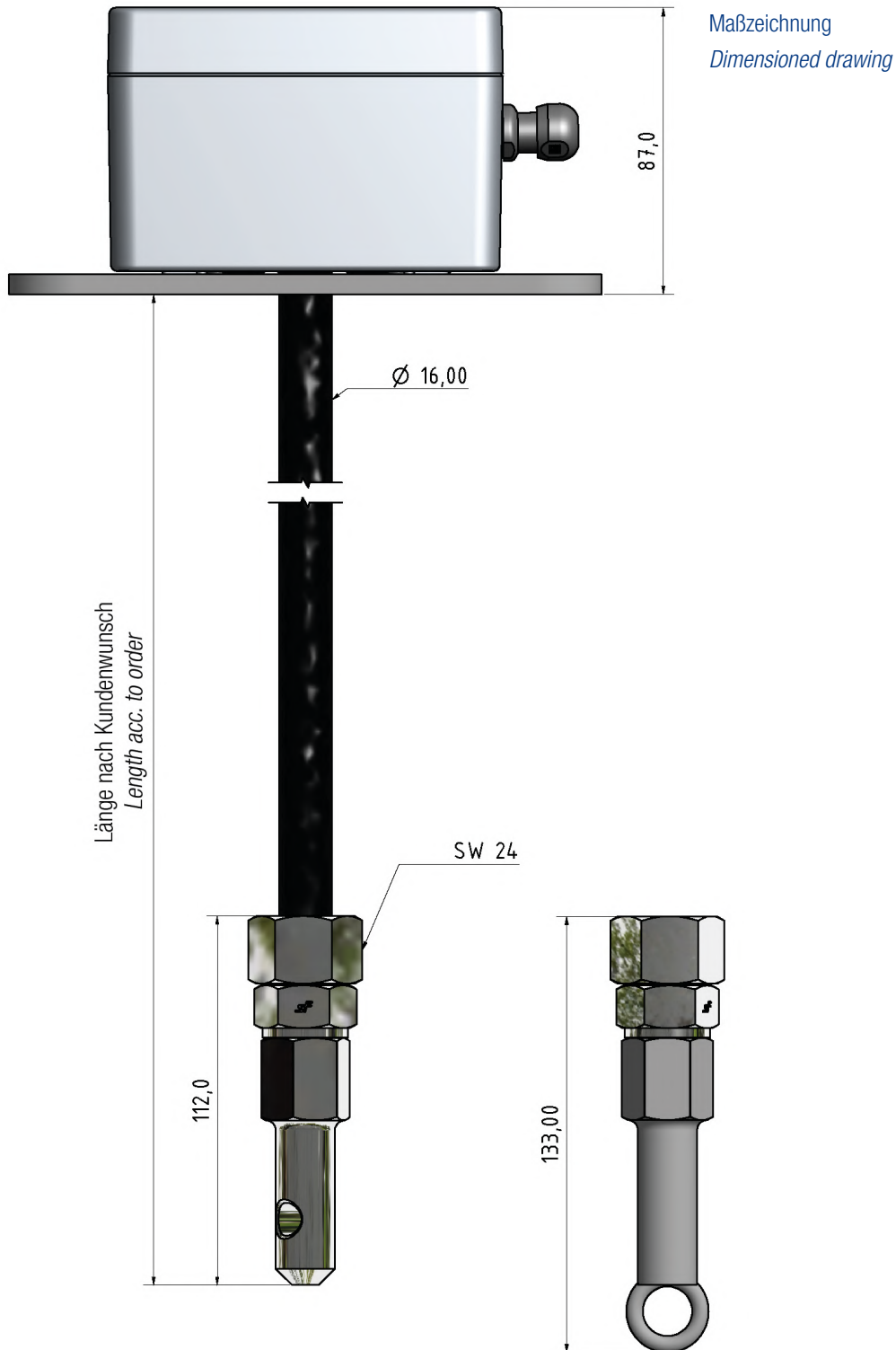
FOOD PROBES

PARAMETERS

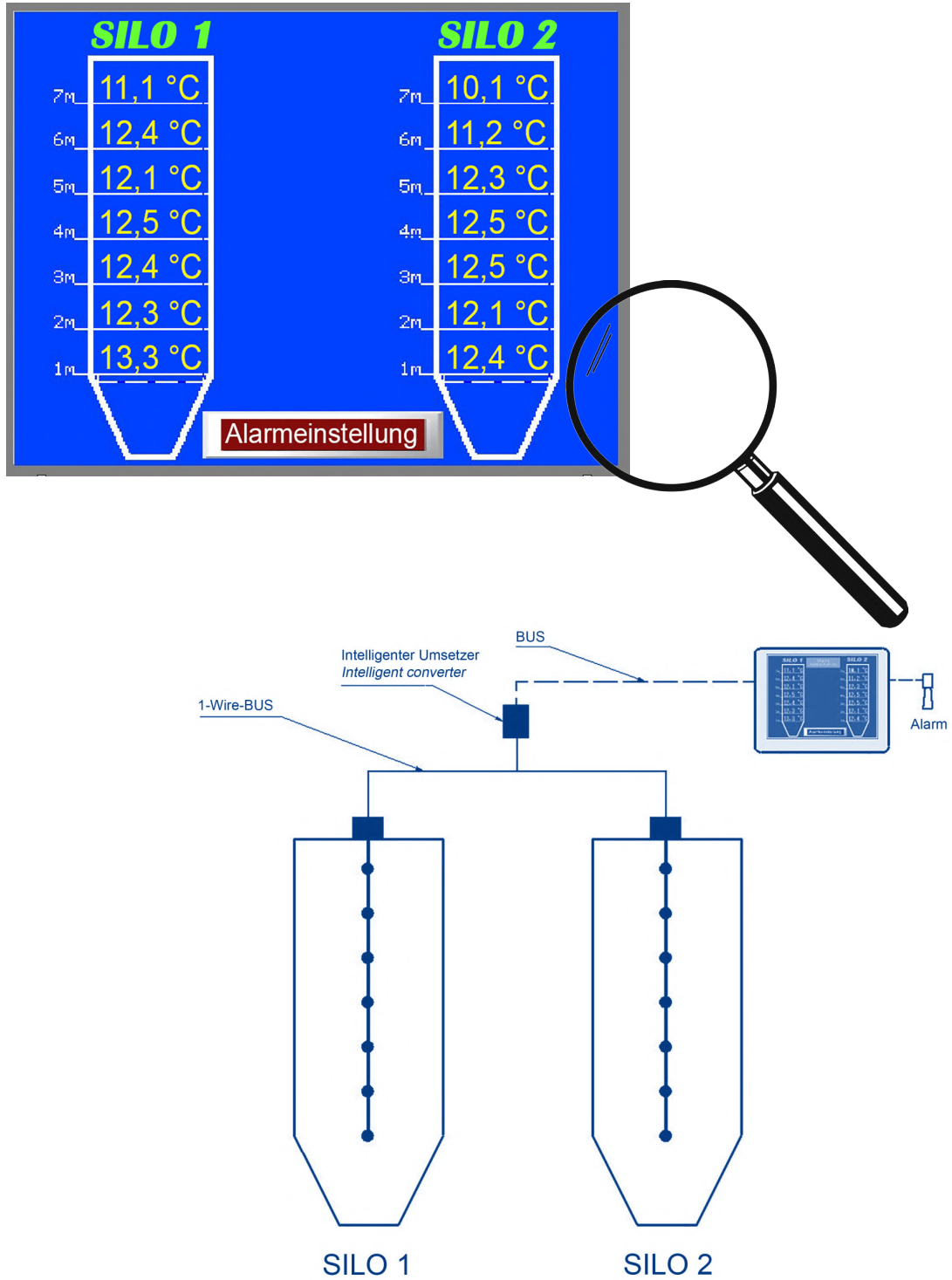
- Operating voltage: 3.0 V to 5.5 V
- Operating temperature: -55 °C up to +125 °C
- Accuracy: +/-0.5 °C from -10 °C up to +85 °C
- Degree of protection: sensor: IP 68
connection: IP 65
- Fixing fittings made of stainless steel
- Suitable for outdoor use
- PP pipe with steel wire reinforcement
(several tons of tensile load possible)
- With visualization software

ADVANTAGES

- Suitable for high silos
- Up to 100 probes per silo
- Small measuring point distances (> 0.5 m),
therefore very precise monitoring
- No calibration necessary
- Easy installation
- Only 3 conductors necessary
- Data line up to 150 m
- Tree, line and star structure of the data line possible
- Easy connection to different standard bus systems
via coupling blocks
- Robust mechanical design with probe
diameter Ø 16 mm
- Probe lengths up to 40 m possible
- Various mechanical installation options
- Probe end optionally loose or clamped



Integrated solution: 1-wire temperature measurement coupled with visualization



1-WIRE TEMPERATURE PROBES



1-Wire temperature probes are used for temperature measurement in liquid and gaseous media as well as for surface temperature measurement.

PARAMETERS

- Operating voltage: 3.0 V bis 5.5 V
- Operating temperature: -55 °C up to +125 °C (depends on casing)
- Accuracy: +/-0.5 °C von -10 °C bis +85 °C
- Degree of protection: IP 65
- Connection: 2/3-conductor connection on 1-wire bus
- Suitable for outdoor use
- Silicone connection cable
- Stainless steel sleeve

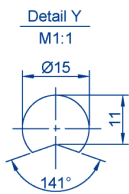
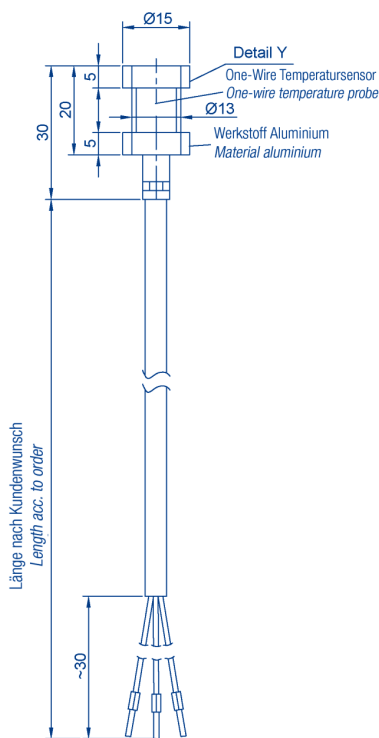
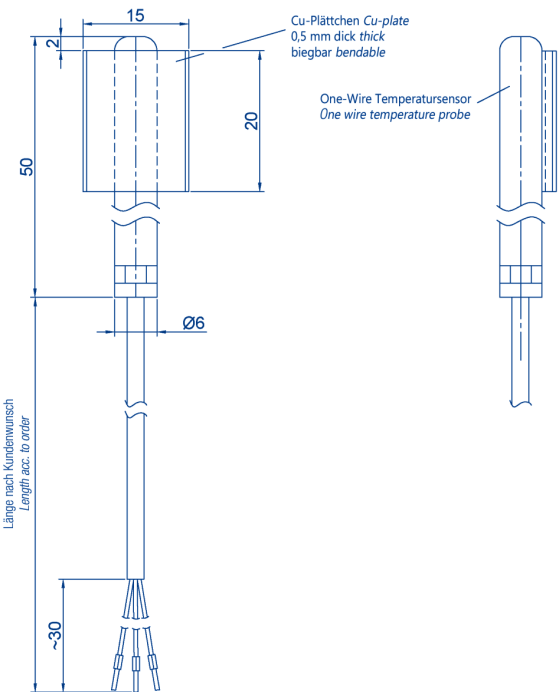
ADVANTAGES COMPARED TO WIRE AND THIN FILM SENSORS:

- Easy installation
- Cheaper in the measuring system than other sensors
- Only two respectively three conductors necessary
- No transducers necessary
- Up to 100 sensors on the data line
- Data line length up to 150 m
- No calibration necessary
- Easy coupling to various standard bus systems via coupling modules
- Own visualization interface for Windows®, Android® and Proface systems
- Flexibly expandable
- Tree, line and star structure possible

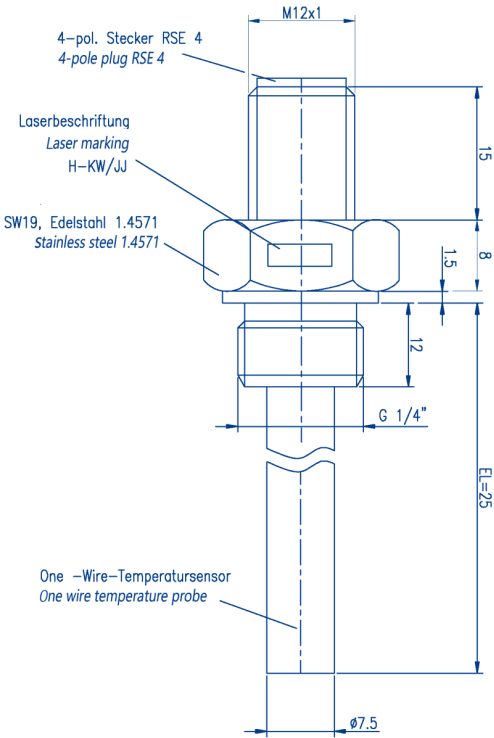
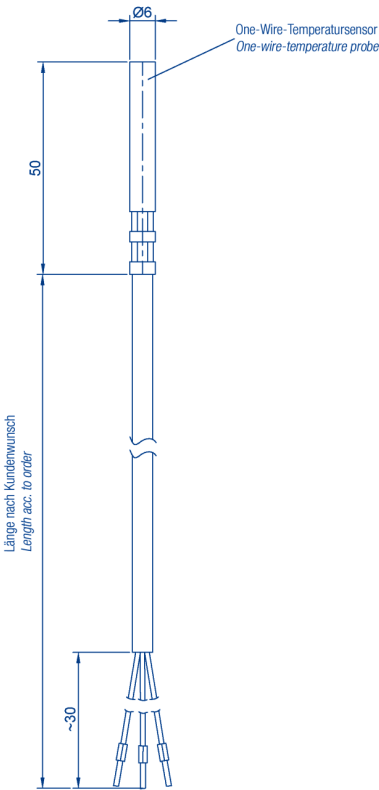
DELIVERY PROGRAMM:

- Cable temperature probes
- Surface temperature probes
- Screw-in temperature probes
- Outdoor temperature probes
- Combination with humidity probes
- Visualization software

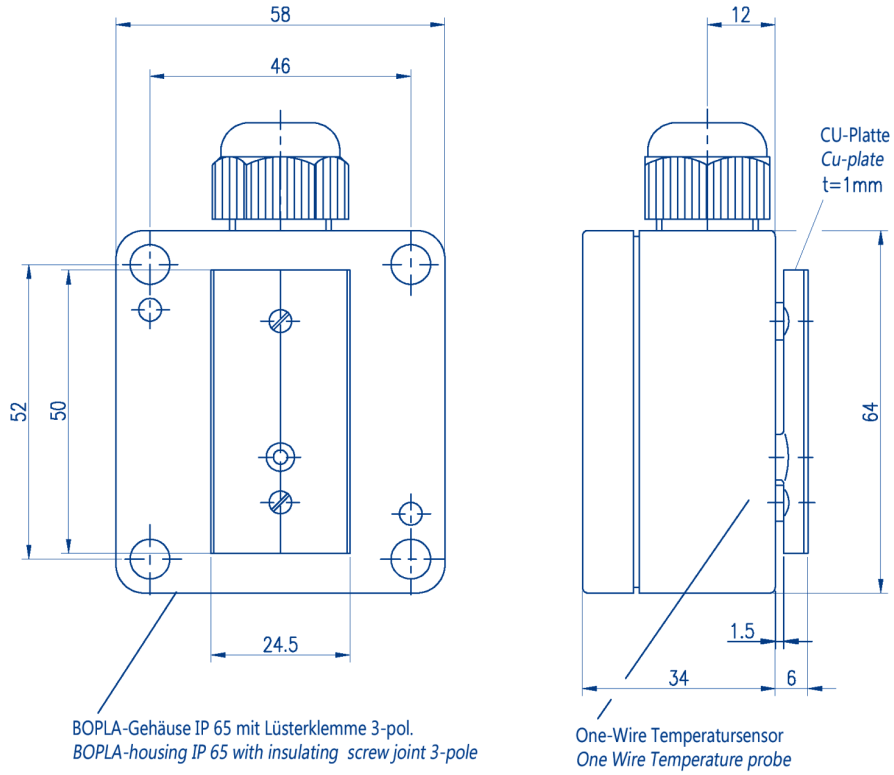
Examples surface temperature probes



Examples sleeve temperature probes, screw-in temperature probes



Examples tube surface probes



1-WIRE TEMPERATURE HUMIDITY PROBES



1-Wire temperature humidity probes are occupied for temperature and relative humidity measurement in gaseous media both indoors and outdoors.

PARAMETERS

- Operating voltage: 3.0 V bis 5.5 V
- Operating temperature: -55 °C up to +125 °C
(depends on casing)
- Accuracy: +/-0.5 °C von -10 °C up to +85 °C
- Measuring range humidity: 0 % up to 100 % rel. humidity
- Accuracy: +/-3,5 %
- Connection: 3-wire connection to 1-wire bus
- Suitable for outdoor use

ADVANTAGES COMPARED TO WIRE AND THIN FILM SENSORS:

- Easy installation
- Cheaper measuring system than other sensors
- Only three conductors necessary
- No transducers necessary
- Up to 100 sensors on the data line
- Data line length up to 150 m
- No calibration necessary
- Easy coupling to various standard bus systems via coupling modules
- Own visualization interface for Windows®, Android® and Proface systems
- Flexibly expandable
- Tree, line and star structure possible

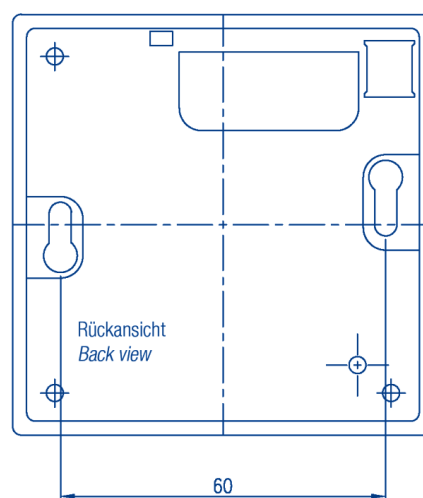
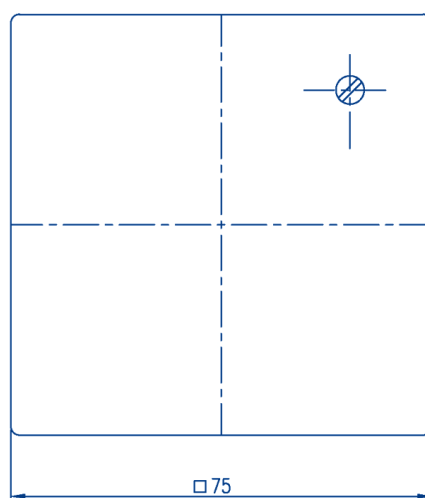
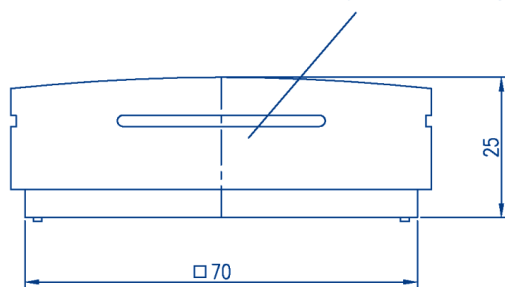
DELIVERY PROGRAMM:

- Duct probes for relative humidity and temperature
- Indoor probes for relative humidity and temperature
- Outdoor sensor for relative humidity and temperature
- Visualization software

Example indoor temperature humidity probe



1-Wire Temperatur und Feuchte
1-Wire temperature and humidity





ELVARME

VORES PRODUKTSORTIMENT INKLUDERER:



KONSTANT WATT VARMEKABEL



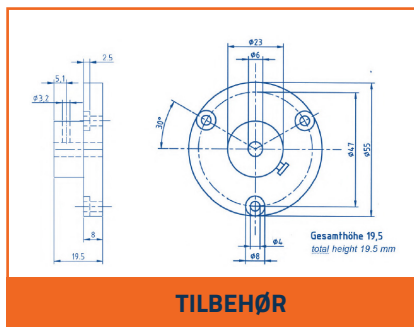
KANALVARMELEGEMER KUNDEDES.



AFFUGTNINGSVARMELEGEMER



MODULAR IR HEATERS



TILBEHØR



TEMPERATURFØLERE

VI FØRER PRODUKTER INDENFOR KATEGORIERNE:



AUTOMATIK



**HVAC & BYGNINGS-
AUTOMATIK**



KØLEPROFILER

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