

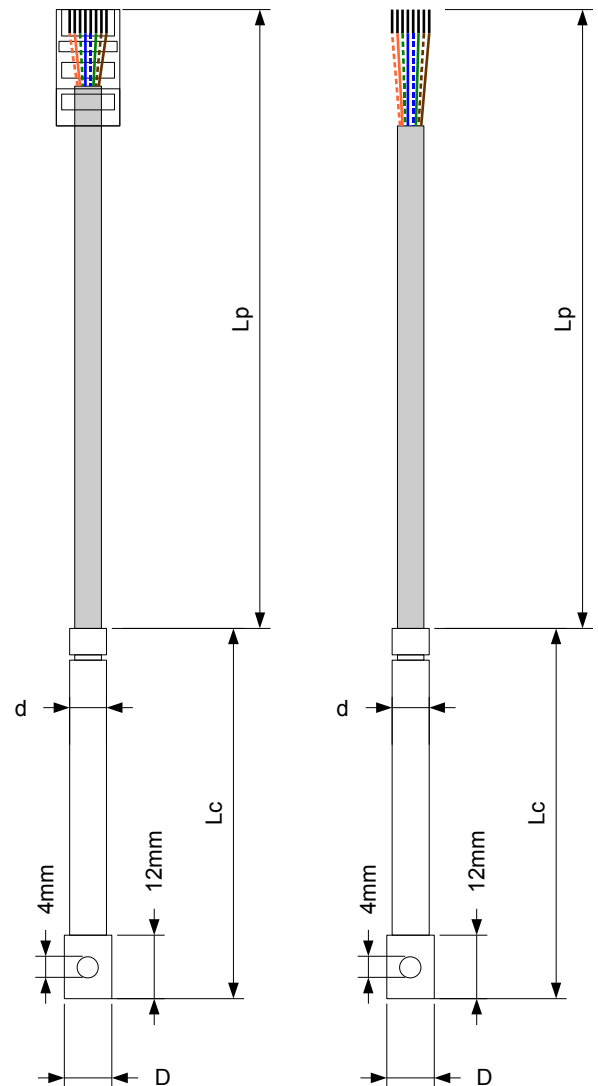
DTS-103 sensor for remote multi-point measurement room temperature:

- rooms,
- devices,
- automation cubicles,
- data communication cubicles,

and outside temperature via the serial bus 1-WIRE.

Application of 1-Wire bus enables:

- the cooperation of many sensors connected to the same data lines,
- the deployment of sensors in various locations up to 260m,
- powering the sensors from the bus,
- guarantee the correct transmission of measurement data secure checksum CRC



<i>Parameters</i>	<i>Data</i>
<b>Measuring range</b>	from -55°C to +125°C (depend on cable and protection tube material)
<b>Measuring accuracy</b>	+/-0,5°C outside scope -10°C...+85°C
<b>Resolution</b>	12 bitów (0,06°C)
<b>Transducer</b>	DS18B20
<b>Protection tube material</b>	- stainless steel 1.4541, - brass
<b>Cover protection degree</b>	IP65

## Versions

DTS-103-		-	-	-	-	-	-	-
<b>External diameter of measuring part d [mm]:</b>								
without screw hole	6/0							
with screw hole 4mm	6/4							
<b>Length of measuring part Lc [mm]:</b>								
70								70
<b>Protection tube material:</b>								
brass								1
stainless steel 1.4541								2
<b>Cable length L [m]:</b>								
1,5/2,0/2,5...								1,5
<b>Cable:</b>								
PCV (-20°C...+85°C),								1
Teflon-Silicon (-40°C...+200°C)								2
Teflon-Teflon (-70°C...+260°C)								3
<b>1-WIRE bus type connectors:</b>								
wires								1
RJ45 plug								2
<b>Connection type:</b>								
final								E
straight-through								F

Order example:

Product symbol: **DTS-103-6/4-70-1-1,5-1-2-F**

**6/4** - sensor dimensions = 6mm with screw hole 4mm,

**70** - length Lc = 70mm,

**1** - cover sensor with brass,

**1,5** - cable length 1,5m,

**1** - PCV cable,

**2** - wires type connection,

**F** - straight-through type of connection.