

LE44 Pt

2-electrode conductivity sensor for electrolytic conductivity with integrated temperature sensor Pt100. The body material is PVDF, the electrodes are made of stainless steel (concentric electrodes, material number 1.4571). The sensor is available as flow version with male thread 3/4" and 4-pole angular plug connector (Hirschmann) for electrical connection or as immersion version with 10 m fixed cable and 1/2" male thread.

Advantages

- > Temperature sensor integrated
- > Two versions: 4-pole angular plug (Hirschmann) with 3/4" male thread or 10 m cable with
- > 1/2" male thread
- > Little dirt-prone and easy to clean

Measuring parameter

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Conductivity (conductive)
0,000.. 2,000 μ S/cm c= 0,05 /cm
0,00.. 20,00 μ S/cm c= 0,05 /cm
0,0.. 200,0 μ S/cm c= 0,05 /cm
0,000.. 2,000 mS/cm c= 0, 20 /cm
0,00.. 20,00 mS/cm c= 1,00 /cm

Ambient conditions

- > Max. pressure 16 bar (at 25°C)
- > Plug connection Cable connection
- > Temperature 0.. 135 °C 0.. 90 °C

Mechanical construction

- > Shaft material: PVDF - plug version, PP - cable version
- > Electrode material: Stainless steel 1.4571
- > Process connection: 3/4" male thread - plug version, 1/2" male thread - cable version
- > Electrical connection: 4-pole angular plug (Hirschmann), 10 m connected cable
- > Temperature sensor: Pt 100

Articlenumber:

26125252K: Type: LE44 Pt, c=0,05, Description: Conductivity sensor (0.. 2; 0.. 20; 0.. 200 μ S/cm)

26125253K: Type: LE44 Pt, c=0,20, Description: Conductivity sensor (0.. 2 mS/cm)

26125254K: Type: LE44 Pt, c=1,00, Description: Conductivity sensor (0.. 20 mS/cm)

26125255K: Type: LE44 Pt 4SCR, c = 0,20, Description: Conductivity sensor (0.. 2 mS/cm) with 10 m fixed cable

26125256K: Type: LE44 Pt 4SCR, c = 1,00, Description: Conductivity sensor (0.. 20 mS/cm) with 10 m fixed cable

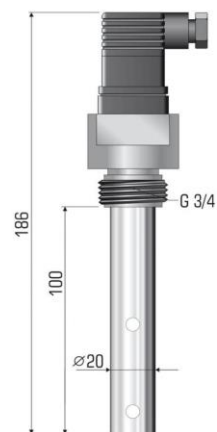
26125257K: Type: LE44 Pt 4SCR, c = 0,05 Description: Conductivity sensor (0.. 2; 0.. 20; 0.. 200 μ S/cm) with 10 m fixed cable

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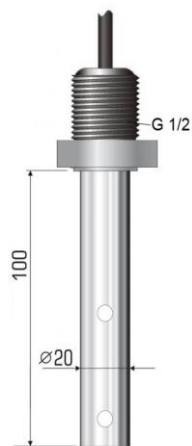
Mechanical Drawing



LE44 Pt



LE44 Pt 4SCR



LE44 Pt 4SCR



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