



Technical data

Connecting head

stainless steel V2A 1.4305; Ø 89 mm

Electrical connection

cable gland M16; M12-plug

Process connection

thread adapter G1", sleeve PM 050

Sensor

material PEEK / stainless steel V4A 1.4571

Type of protection

IP 67

Measuring ranges

freely eligible, 500 µS/cm up to 1000 mS/cm; -20...150 °C

Operating pressure

max. 10 bar

Temperature range

-20...+130 °C (140 °C < 1 h)

Output

Conductivity 4...20 mA; temperature 4...20 mA; load max. 500 Ω

Conductivity accuracy

±1 % of the selected range

Temperature accuracy

≤ ±0,2 °C (0...+50 °C);
≤ ±0,5 °C (-20...+150 °C)

Auxiliary voltage

18...36 V DC; 180 mA max.

Selection chart

Ordering code

ISL050

Electrical connection

Cable gland M16

1

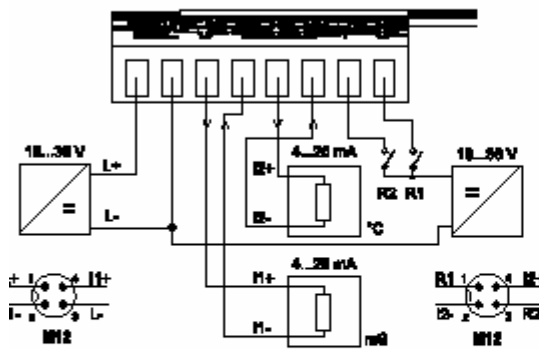
Plug M12

2

Accessory

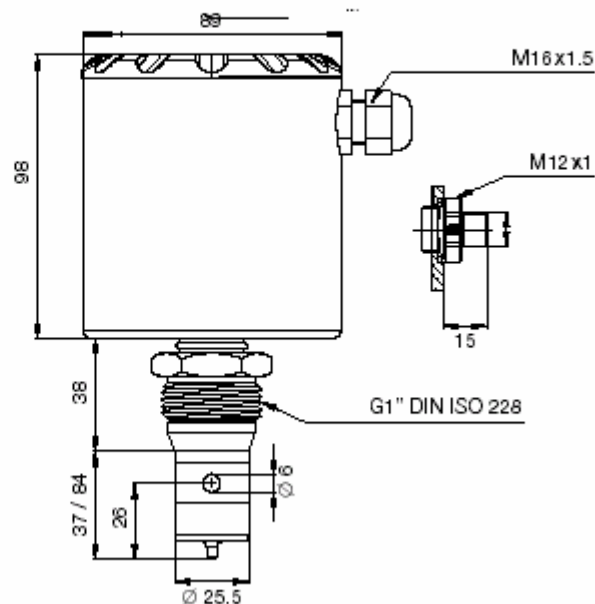
PM 050 Hygienic process weld-in sleeve

Raccordement électrique



- 1: brown
- 2: white
- 3: blue
- 4: black

Encombrement



UK/2003-04-01 This data sheet

may only be reproduced in full.