

Transducer SH

Instruction for Use 7.1084.... / 7.1184....



Construction and Mode of Operation

The transducer transforms the electrical mV-output signal of a radiation transmitter into a standardized, analogue current- and/or voltage signal, or into a voltage signal corresponding to the physical value.

The pc-board model serves for mounting in a 19"-rack, the plastic wall case is designed for separate mounting

Model

Order-No.	Meas. range [W/m ²]	Model	Electrical Output
7.1084.xx.xxx 7.1184.xx.xxx	0 ... 1300 - 300 ... 1000		
.00.xxx .10.xxx		wall case pc-board	
.xx.040 .041 .060 .064 .065 .073 .080 .084 .085 .100 .104 .105			0 ... 20 mA 4 ... 20 mA 0 ... 1 V 0 ... 1,3 V -0,3 ... 1 V 0 ... 5 V 0 ... 20 mA / 0 ... 1 V 0 ... 20 mA / 0 ... 1,3 V 0 ... 20 mA / -0,3 ... 1 V 4 ... 20 mA / 0 ... 1 V 4 ... 20 mA / 0 ... 1,3 V 4 ... 20 mA / -0,3 ... 1 V

Technical Data

Electrical input	: 0...ca. 15 mV (acc. to sensor)
Line resistance	: max. 100 Ω each/ core
Linearity	: 0,5 %
Temperature error	: < + 0,5 % of m.r. within the range 0 ... 40 °C
Operating voltage	: 230 V (+ 15 %, - 10%) 48 ... 62 Hz
Ambient temp.	: 0 ... 40 °C

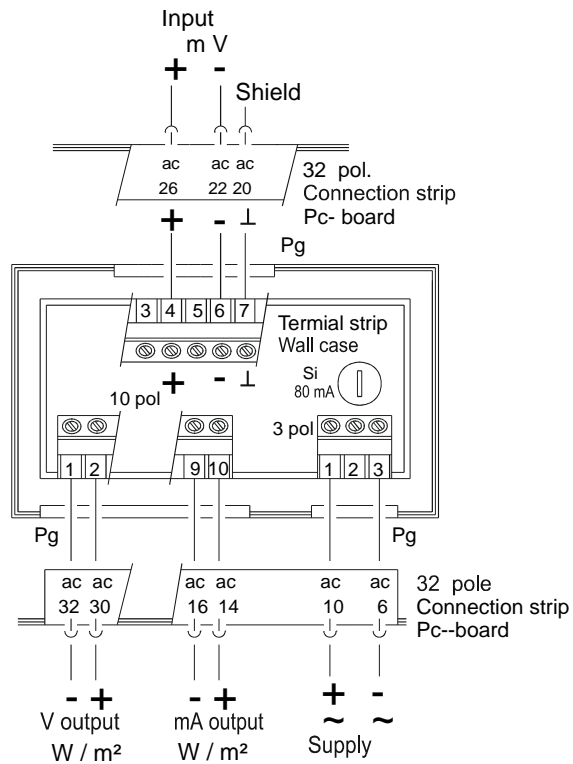
Wall case	: Screwed cable gland
Pc-board	: Connection strip, 32 pol. acc. to DIN 41612

Dimensions

wall case	: 200 x 120 x 75 mm
pc-board	: 170 x 100 x 30 mm

Weight	: 0,65 kg , resp. 0,25 kg
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Connecting Diagram



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