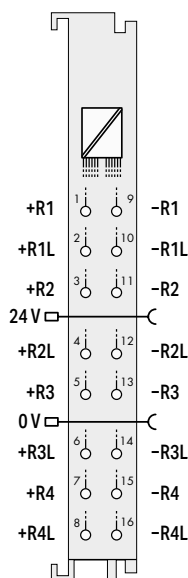
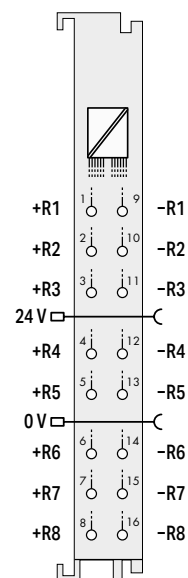
**4-Channel Analog Input; Resistance measurement****Measurement range:** -30 °C ... +150 °C**750-463**

4AI; RTD; -30°C...+150°C

**4-Channel Analog Input; Resistance measurement; Adjustable****Standard****750-450**

4AI; RTD; Adjust

**8-Channel Analog Input; Resistance measurement; Adjustable****Standard****750-451**

8AI; RTD; Adjust

Extended temperature**750-451/025-000**

8AI; RTD; Adjust; T

4

Pt1000; Configurable: Ni1000; KTY 81

2-wire

-30 ... +150 °C

0.1 °C

≤ 350 µA

0.5 K in temperature range: -30 ... +150 °C

20 ppm/K

24 VDC (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)

50 mA

4 x 16-bit data; 4 x 8-bit control/status (optional)

500 V (system/field)

0 ... +55 °C

12 x 69.8 x 100 mm

CE, RoHS, ATEX, IECEx

wago.com/750-463

4

Pt100; Configurable: Pt200; Pt500; Pt1000; Ni100; Ni120; Ni1000 (TK6180 + TK5000); Potentiometer 0 Ohm ... 1.2 kOhm; 0 Ohm ... 5 kOhm

2-wire; 3-wire; 4-wire

-200 ... +850 °C (Pt100, Pt200, Pt500, Pt1000);
-60 ... +250 °C (Ni100, Ni1000);
-80 ... +260 °C (Ni120)

0.1 °C

Per channel: ≤ 100 ms (2-/4-wire connection),
≤ 200 ms (3-wire connection)

≤ 350 µA

±0.6 K (Pt100, Pt200, Pt500, Ni100, Ni120);
±0.2 K (Pt1000, Ni1000);
±0.3 ... 0.7 Ω at resistance measurement

±5 ppm/K

24 VDC (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)

85 mA

4 x 16-bit data; 4 x 8-bit control/status (optional)

500 V (system/field)

0 ... +55 °C

12 x 69.8 x 100 mm

CE, RoHS, ATEX, IECEx

wago.com/750-450

8

Pt100; Configurable: Pt200; Pt500; Pt1000; Ni100; Ni120; Ni1000 (TK6180 + TK5000); Potentiometer 0 Ohm ... 1.2 kOhm; 0 Ohm ... 5 kOhm

2-wire

-200 ... +850 °C (Pt100, Pt200, Pt500, Pt1000);
-60 ... +250 °C (Ni100, Ni1000);
-80 ... +260 °C (Ni120)

0.1 °C

Per channel: ≤ 100 ms

≤ 350 µA

±0.6 K (Pt100, Pt200, Pt500, Ni100, Ni120);
±0.2 K (Pt1000, Ni1000);
±0.3 Ω at resistance measurement

±5 ppm/K

24 VDC (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)

110 mA

8 x 16-bit data; 8 x 8-bit control/status (optional)

500 V (system/field)

0 ... +55 °C

-20 ... +60 °C

12 x 69.8 x 100 mm

CE, RoHS, ATEX, IECEx

wago.com/750-451