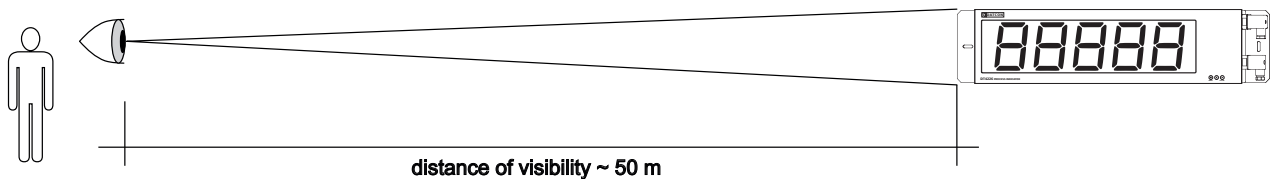


## Process Indicator

## Product features

- 0-20 mA / 4-20 mA / 0-10 V / 2-10 V / 0-5 V inputs
- large, 5 digit LED display (101 mm character height)
- adjustable brightness
- readable even at a 50 m distance
- menu driven setting, via front panel switches
- 0.03% accuracy
- 20-50 VDC or 180-250 V AC/DC power supply
- 656 × 150 × 45 mm wall mount instrument



The **DT4226 ... Process Indicator** enable linear process variables (0-20 mA / 4-20 mA / 0-10 V / 2-10 V / 0-5 V) to be displayed in engineering units on the place of installation. Any optional display range can be assigned to the input signal range. Large 5 digit, 101 mm height LED display with adjustable brightness make process value easily visible at a 50 m distance. The functional parameters can be set by membrane push-buttons on the front panel of the device, through a simple menu system: input selection, averaging of input signals, scaling, display refresh rate, etc. The settings are protected by a two-level password against unauthorised manipulation.

The instruments has two power supply versions: 20-50 VDC (DT4226 ...) or 180-250 V AC/DC (DT4226 ... PS)

The DT4226 ... is housed in a metal case with IP40 protection for installation on a flat surface (e.g. wall).

**Safety data:**

The inputs and the connection terminals of the supply voltages are isolated from each other, the isolation is in compliance with the standard EN 61010-1, taking into consideration the following:

Pollution level: 2  
 Measurement category: II

**Input parameters:**

Input signal: DC current or DC voltage  
 Measurement range: 0-20 mA / 4-20 mA / 0-10 V / 2-10 V / 0-5 V  
 Overrange: ±50 mA (current input), ±200 V (voltage input)

**Measuring parameters:**

Characteristics: linear  
 Sampling: 12 measurement / sec.  
 Number of averaged samples: 1 / 2 / 4 / 8 / 16 / 32 / 64 (adjustable)  
 Error of displayed value: 0.03% (Ta = 23 °C ±2 °C)  
 Temperature-coefficient: 40 ppm / °C

**Display:**

Display unit: 5 digit LED  
 Character height: 101 mm  
 Display color: red  
 Brightness: adjustable between 10% - 100% in increments of 10%  
 Display: 5 digit (+values), 4 digit (-values), negative sign, decimal point

**Manual controls:**

Manual controls: 3 membrane push-buttons on the front cover

**Power supply:**

Supply voltage: 20-50 VDC (DT4226 ...)  
 180-250 V AC/DC (DT4226 ... PS)  
 Consumption: 5 W (DT4226 ...)  
 6 W (DT4226 ... PS)

**Ambient conditions:**

Operating temperature range: 0 - +50 °C  
 Storage temperature range: -25 - +70 °C  
 Relative humidity: 90% (max., non condensing)  
 Place of installation: indoor

**Electromagnetic compatibility (EMC)**

**accordance with the standard EN 61326-1**

Immunity: industrial area  
 Noise emission: Group 1, Class B

**General data:**

Housing: wall mount instrument  
 Connection: GM 209 NJ valve connector (power supply)  
 GDM 2009 valve connector (signal input)  
 Connection cable: 0.25-1.5 mm<sup>2</sup> (max.)  
 Dimensions: 656 × 150 × 45 mm (width × height × depth)  
 Weight: 3.4 kg  
 Protection: IP 40

Detailed information see in operating instructions. The Manufacturer maintains the right to change the technical data!