

## Description :

4 - digit digital big size indicator for wall mounting.  
With two adjustable limit contacts.  
Microprocessor controlled

## Programmable Functions :

Measurement range for uniform signals  
Decimal point location  
Contact threshold  
Contact hysteresis  
Contact functions - e.G. wiper contact etc.  
Contact inversion - min. or max. contact

**Display :** LED display - red  
display height 60 mm  
Maximum range :  
-999...+9999 digit

**Inputs :** Platinum RTD's (Pt100)  
according DIN IEC 751  
Thermocouples  
according DIN IEC 584  
Uniform signals :  
4...20 mA, 0...20 mA, 0...10 V

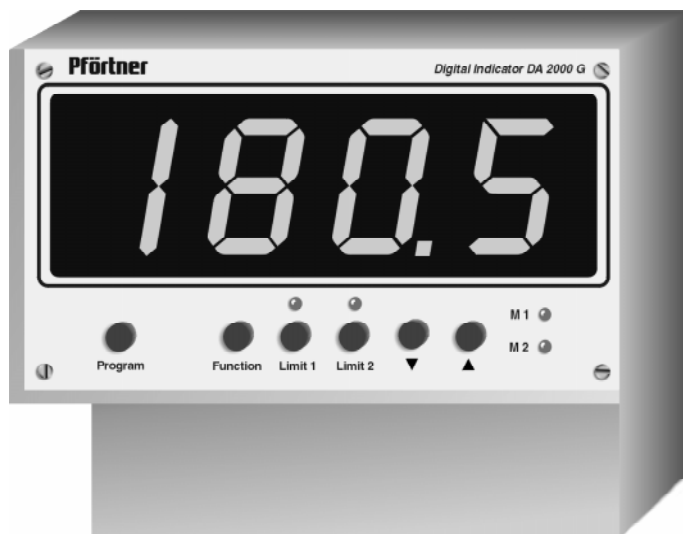
**Output :** 0...20, 4...20 mA • Load 1 k $\Omega$   
0...10 V • R<sub>LOAD</sub> min. 2 K $\Omega$   
Accuracy :  $\pm 0,2$  % FS

## Technical data for uniform signals inputs 4-20 and 0-20 mA :

Temperature influence : 0,02 % / 1 K  
Display Error :  $\pm 0,1$  %,  $\pm 1$  digit  
Inherent resistance max. 100  $\Omega$   
Maximum current 50 mA

## Technical data for uniform signals inputs 0-10 V :

Temperature influence : 0,02 % / 1 K  
Display error :  $\pm 0,1$  %,  $\pm 1$  digit  
Inherent resistance min. 47 K $\Omega$



**Clamps :** Screw- clamps max. dia. 2,5 mm<sup>2</sup>

**Supply :** 230 V/AC, 45...65 Hz  
optional : 115 V/AC, 45...65 Hz  
24 V/AC, 45...65 Hz

**Contacts :** Voltage free change over contact  
5A / 250 V/AC

**Protection class :** IP 65 acc. DIN 40500  
(with closed plexiglass -  
hinged cover)

## Technical data for thermocouples (type K and type J) :

For the couples +NiCr/-Ni (K) and +Fe/-CuNi (J)  
Cold junction compensation for the range of 0-60 °C  
Temperature influence :  $\pm 0,02$  % / 1 K  
Display error :  $\pm 8$  K for J  
 $\pm 5$  K for Typ K < 1200 °C  
 $\pm 10$  K for Typ K > 1200 °C

## Technical data for resistance thermometer inputs (Pt100) :

(in 3-wire circuit max. 10  $\Omega$  per wire)  
Temperature influence :  $\pm 0,02$  % / 1 K  
Display error :  $\pm 0,2$  %,  $\pm 1$  digit

