



Differential Pressure Transmitter

Differenzdruck Transmitter

Rail mounting DIN EN 60715 Th35

DPTI
DPTI-L

P
bar
Pa
psi

DPTI is designated in a rugged ABS package capable of DIN rail or standard panel mounting for measuring differential pressures in the air and in nonaggressive gases. Among others, applications are the supervision of air duct, filters or ventilators.

As a result of comfortable handling, it is possible return to zero position after installation. Thus, offset errors can be compensated by the mounting position. The transmitter provides 0...10V voltage output or 4...20 mA current loop.

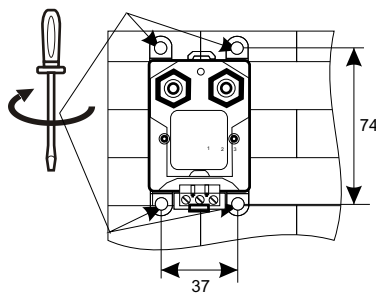
The LED power status indicator to assist in trouble shooting, correct wiring or quickly locating the instrument on a duct.

DPTI precision version	DLTI-L low-cost version
Measuring-ranges: 50 ... 5000 Pa	250...5000 Pa
Linearity error: $<\pm 0,5\%$ FS	$<\pm 1,5\%$ FS
Total error: $<\pm 1.5\%$ FS	$<\pm 5\%$ FS
Typical overall error at 25 ° C $<\pm 0,5\%$ FS	$<\pm 2\%$ FS
Zero adjust: yes	no

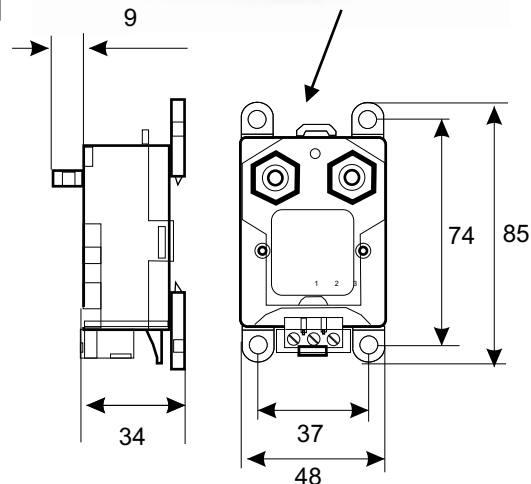
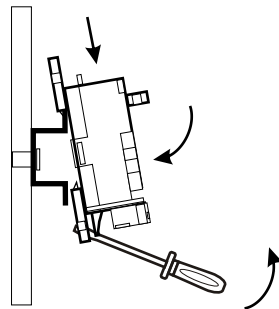


LED power

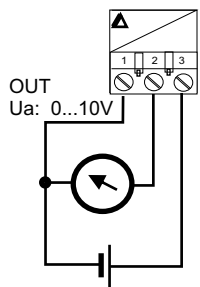
Wall mounting



Rail mounting DIN EN 60715 Th35
(EN 50022, EN 50035, EN50045)

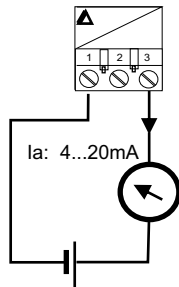


Electrical connection
DPTI - U



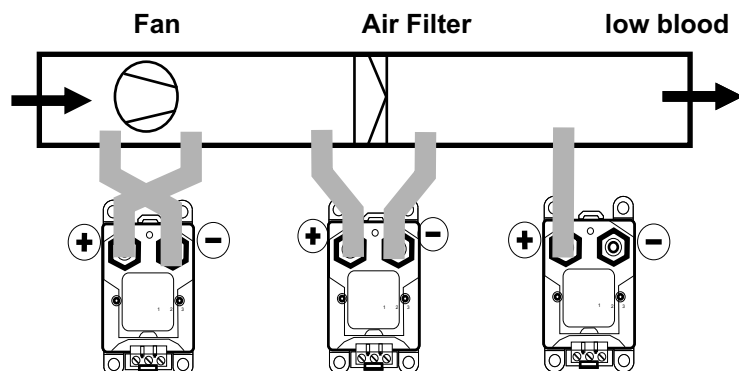
$U_v = 14...36 \text{ VDC}$
/ 24 VAC

DPTI - I2



$U_v = 10...36 \text{ VDC}$
 $R_i \leq (U_v - 10V) / 0,02A$

Assembly diagrams for



D
R
U
C
K

P
R
E
S
S
U
R
E