

Typ: MDEKD-940.100



Art.-No.: G9270020

Features:

Differential pressure transducer, adjustable 0...10 V, 0...20 mA, 4...20 mA, 10000 Pa, 7500 Pa, 5000 Pa, 2500 Pa relative pressure

Application:

Technical Data:

Dimensions of housing:	86 x 40 x 56 mm
Number of outputs:	1
Output signal:	continuous, adjustable 0...10 V, 0...20 mA, 4...20 mA
Configuration:	Time constant: approx. 10ms, 2s, 4s switchable
Operating voltage:	15...30 VDC, 15...30 VAC
Pressure connection:	d x L: 6,6 x 10 mm (for flexible hosepipes d = 6 mm)
Electrical connection:	Screw-type terminals up to 1,5 mm ²
Colour of housing:	grey
Sensor:	piezo-resistive pressure sensor
Sensor wire extendable up to:	depending on the cross-section of the conductor and the evaluation unit
Accuracy:	Linearity: +/- 2% FS Influence of supply:
Weight:	ca. 200
Hysteresis:	+/- 2% FS
Cable gland:	M 12 x 1,5
Storage temperature:	-10...+70 °C
Material of housing:	Plastic

Material of parts coming in contact with the medium:	Ni, PU, Al, Au, Pyrex glass, silicone, Kovar, Duraplast, Ultem Plasic
max. pressure:	5-fold measurement range end value (relative pressure)
max. measurement current:	approx. 20 mA
Medium:	Gas, non-aggressive
Measurement ranges:	10000 Pa, 7500 Pa, 5000 Pa, 2500 Pa relative pressure
Installation/fastening:	Wall mounting
Surface quality:	matt
Degree of protection:	IP 54
Protection class:	III
Safety and EMC:	according to DIN EN 60730
Ambient temperature up to:	50
Ambient temperature from:	10
Accessories:	Cover with LC display for displaying the measurement value: JZ-27 single channel connection: JZ-01 L Channel connection set: JZ-06/1 For suitable microprocessor controller JDU-210, see the Industrial Technology chapter.
Permissible atmospheric humidity:	max. 80% rel. humidity, non-condensing

Circuit Diagram:

