



### Description

KLDP series differential pressure transmitter use a piezo-resistive sensor and incorporate zero and span adjustment. They are ideal for use in areas requiring exact pressure measurement, 0.25% high accuracy, low hysteresis and long term stability. For all applications where air, oil or water are to be monitored.

### Features

- Ranges from 0 to 35 mbar to 0 to 17 bar (according to models)
- Voltage, current output
- Standard accuracy  $\leq \pm 0.25\%$  FS
- IP65 house protection
- Repeatability 0.1% FS/Year typical
- Temperature Range -20 to +80°C
- Pressure Connection 1/8" BSP Female Brass
- Line Pressure 34 Bar G

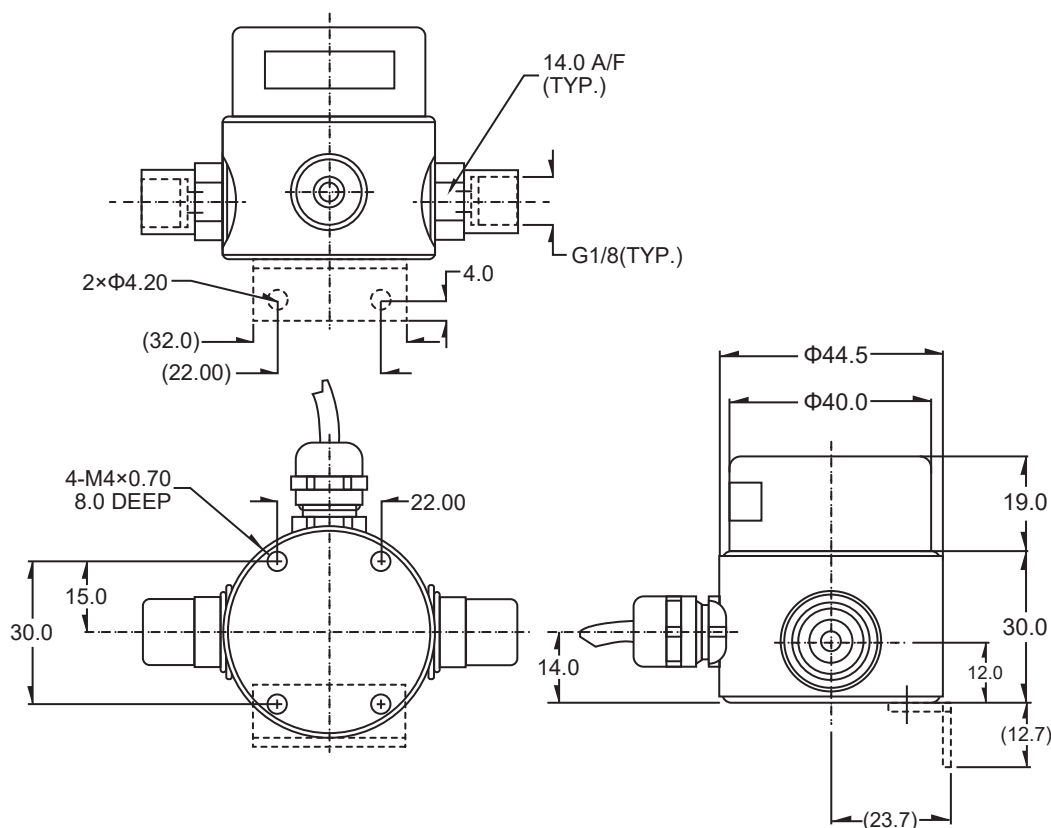
### Applications

KLDP series pressure transmitters are suitable for measuring pressure in all applications where air, oil or water are to be monitored. Also compatible with refrigerants. They are suitable for all kind of tasks in air-conditioning, heating and water systems.

### Technical Data

Model	KLDP
Measurement units	mbar
Accuracy	$\leq \pm 0.25\%$ FS
Response time	1s
Repeatbality	$\pm 0.1\%$ at FS / year
Media	Air, oil or water
Operating temperature	-20 to +80°C
Storage temperature	-40 to +80°C
Tolerated overpressure	$\times 15$
Power Supply	24Vac/dc
Output signal	4-20mA (2wires)
	0-5 / 0-10VDC (3 wires)
Housing material	Brass/Stainless steel
Protection class	IP65 / NEMA4

## Dimensions (mm)



## Ordering Guide

**KLDP** — **Ranges** — **Output** — **Housing**

Model	Ranges		Output		Housing Material
KLDP	0 to 35 mbar	(1)	4-20mA (2 wires)	(E)	Brass
	0 to 70 mbar	(2)	0-5 / 0-10VDC (3 wires)	(F)	Stainless steel
	0 to 350 mbar	(3)			
	0 to 1 bar	(4)			
	0 to 2 bar	(5)			
	0 to 7 bar	(6)			
	0 to 17 bar	(7)			

## Order Examples

**KLDP** — **3** — **E** — **B**

<b>Model</b>	<b>KLDP Differential Pressure Transmitter</b>
<b>Ranges</b>	<b>0 to 350 mbar</b>
<b>Output</b>	<b>4-20mA (2 wires)</b>
<b>Housing</b>	<b>Brass</b>