



LINEAR VARIABLE DISPLACEMENT TRANSDUCERS – PTz series

The transducers PTz series, are used to measure displacement and move of small mechanical parts.

CHARAKTERYSTYKA

- Unguided core
- Small dimensions and weight
- DC power supply
- High repeatability

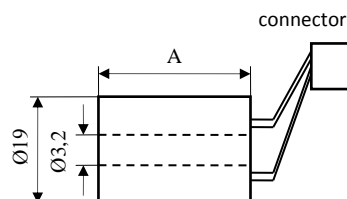
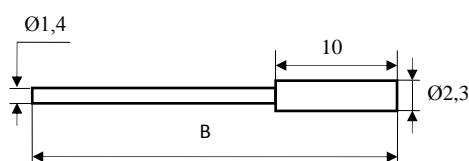
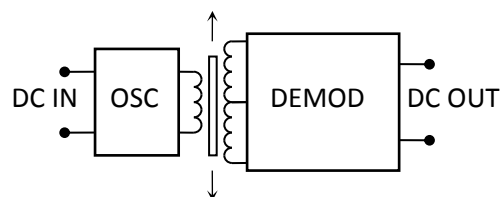
CONSTRUCTION

This LVDT transducer is a cylindrical electromechanical device consisting of one primary winding, two secondary windings and a moveable core with electronic board inside.

TECHNICAL DATA

Transducer PTz	PTz2,5	PTz5	PTz10	PTz20
Measure range [mm]	±1,25	-	-	-
A [mm]	20	-	-	-
B [mm]	25	-	-	-

1	Power supply	6 VDC
2	Output signal	±1,25 V
3	Accuracy [% MR]	≤ 1 V
4	Temperature range [°C]	From -20 to +70
5	Electrical connection	wires plus connector
6	Vibration immunity	20g , 2kHz
7	Shock tolerance	100g, 11ms
8	Enclosure protection	IP 67
9	Enclosure material	AISI 304



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