

MECHANICAL / ELECTRICAL DATA

MODEL		10	25	50	75	100	125	150
Useful electrical stroke (C.E.U.) +1/-0	mm	11	26	51	76	101	126	151
Theoretical electrical stroke (C.E.T.) ±1	mm	11	26	51	76	101	126	151
Resistance (C.E.T.)	kΩ	1	1	5	5	5	5	5
Independent linearity (within C.E.U.)	± %	0,3	0,2	0,1	0,1	0,1	0,05	0,05
Dissipation at 40° (0W at 120°C)	W	0,2	0,6	1,2	1,8	2,4	3	3,6
Maximum applicable voltage	V	14	25	60	60	60	60	60
Mechanical stroke (C.M.)	mm	C.E.U. + 5						
Case length (A)	mm	60,8	75,8	112,7	149,1	185,1	221,6	270,1
Tip length (B)	mm	6,5	19,7	14,2	17,8	13,4	13,4	13,4
Total length (C)	mm	95,3	138,5	194,9	259,9	316,5	378	451,5

ELECTRICAL CONNECTIONS

Connector output

Cable output

3 (+) Blue

2 Yellow

1 (-) Brown

Connection Side

C.E.U.

C.E.T.

C.M.

INSTALLATION INSTRUCTIONS

- Respect the indicated electrical connections (DO NOT use the transducer as a variable resistance)
- When calibrating the transducer, be careful to set the stroke so that the output does not drop below 1% or rise beyond 99% of the supply voltage.

ORDER CODE

Displacement transducer SIN-D

S I N D L M

Ball tip D

Model (10 to 150mm)

3-pole shielded 1m cable C

5-pin connector P

Cable length (in meters)

Special request

Ex.:E.g. **SIN-D-010-C-L01M**
 SIN-D rectilinear displacement transducer with ball tip and internal return spring, useful electrical stroke (C.E.U.) 10mm, 3-pole 1m shielded cable.

ACCESSORIES (standard)

PKIT005	Fixing KIT: 4 brackets, M4x10 screws , grower
PTAS000	Tip with ball

ACCESSORIES (on demand)

CON011	Axial 5-pole DIN43322 female connector, IP40 cable clamp for ø4-ø6 mm cable
CON012	Axial 5-pole DIN43322 female connector, IP65 cable clamp PG7 for ø4-ø6 mm cable
CON013	90° radial female connector 5-pole DIN43322, IP40 cable clamp for ø4-ø6 mm cable

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