Description

Material:
Housing aluminium.
Cable sheath PVC.

Version:
Compact sensor and plug design.
Flat connector, 8-pole, 1x pin.
Connection cable, 6-wire, Ø 3.55–0.3 mm.
Cable bend radius, > 17 mm (static).

Note:
Works with magnetic tapes 21725.
The reading distance between the sensor and tape must be 0.1 to 2 mm.
The sensor is supplied with operating voltage and draws current via the electronics.
System accuracy, repeat accuracy and travel speed is dependent on the electronics.
Plug-in connection to position indicators 21700 and 21702.

Technical data:
- Rating IP 67; EN 60529 (sensor head)
- Shock resistance 2000 m/s², 11 ms; EN 60068-2-27
- Vibration resistance 200 m/s², 50 Hz–2 kHz; EN 60068-2-6

Temperature range:
- Ambient temperature 0…60°C
- Storage temperature -10…70°C

Assembly:
Installation must be carried out using the enclosed user information.
A, reading distance sensor/tape ≤ 2 mm
B, lateral offset ± 2 mm
C, misalignment ± 3°
D, pitch gradient ± 1°
E, lateral gradient ± 3°

Accessory:
Position indicators 21700 and 21702.
Magnetic tapes 21725.

Note:
Relative humidity 100%. Dewing is not permissible (sensor head).

Drawing reference:
1) Sine before cosine
2) Active measuring surface
3) Magnetic tape