PSE 272

Duty cycle 100 %
Supply voltage 24 VDC (+20/-15 %)
Nominal current 0.5 A
No-load current 0.2 A
Positioning resolution 0.5 % of positioning range
Positioning accuracy 2 % of positioning range
Positioning range max. 15 rotations
Shock resistance in accordance with IEC/DIN EN 60068-2-27 50 g 11 ms
Vibration resistance in accordance with IEC/DIN EN 60068-2-6 10...55 Hz 1.5 mm/55...1000 Hz 10 g/10...2000 Hz 5 g
Output shaft 8 mm solid shaft
Maximum axial force 20 N
Maximum radial force 30 N
Ambient temperature 0...50°C
Storage temperature -10...70°C
Protection class IP 65
Weight 800 g
Certificates CE

Nominal torque Nominal rated speed A
1 Nm 60 rpm 272/1
2 Nm 30 rpm 272/2
4 Nm 15 rpm 272/3
5 Nm 7.5 rpm 272/4

Default analog target value B
0...10 VDC (Ri > 2 kΩ) A
0...20 mA (Ri < 500 Ω) B
4...20 mA (Ri < 500 Ω) C

Positioning range max. 15 rotations
1) Value in rotations, max. 15 possible. For < 1 rotation, conversion of the angle. Example: 270° = 0.75 rotations.

Order code A B C
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Accessories
Mating connector Order no. 9601 0048
(A-encoded socket and one B-encoded socket, 4-pole)