

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	50g 11 ms
Vibration resistance in accordance with IEC/DIN EN 60068-2-6	10..55 Hz 1.5 mm/ 55..1000 Hz 10g/ 10..2000 Hz 5g
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	IP65
Weight	800 g
Certificates	CE/UKCA

Order code	A	B	C
PSE			

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

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

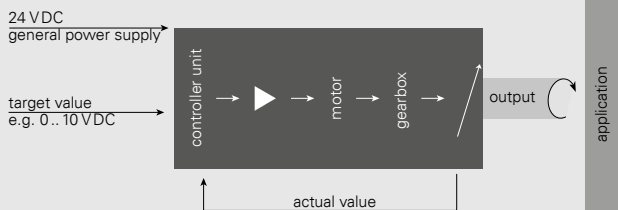
Positioning range ¹⁾	C
max. 15 rotations	

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

Accessories

Mating connector Order no. 9601.0048
(A-encoded socket and one B-encoded socket, 4-pole)

Functional block diagram PSE272



Dimensions in mm.