PSE 30 - Shaft 8 mm hollow

- Absolute measuring system
- · Position control for direct connection to a control module
- · Space-saving, compact design
- Galvanically separated supply voltages between control and motor and bus
- Durable EC-motor

• Extremely accurate positioning due to measurement of the position at the output side

- · Bus interfaces simplify start-up and wiring complexity
- Address may be set using the bus or an address switch (not for IO-Link)
- Baud rate set via switch
- Status messages retrievable via bus
- Partial safety function for STO (Safe Torque Off)

Dimensions in mm.

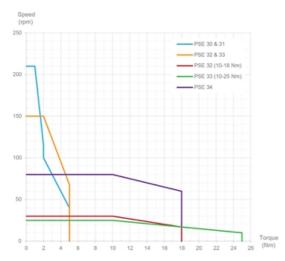
Type: Horizontal Nominal Torque (Nm): 1; 2; 5 Nominal Speed (rpm): 40; 115; 210 Nominal Voltage (V DC): 24 (± 10 %) Nominal Current (A): 2.2 Output Shaft (mm): 8 Output Shaft Type: Hollow BUS Communication: Can Open (CA); Profi Bus (DP); Device Net (DN); Modbus (MB); IO-Link (IO); ProfiNet (PN); Sercos (SE); EtherCat (EC); Ethernet IP (EI); PowerLink (PL) Electrical connection: "Standard; with jog keys; 1 connector Y-encoded or 1 connector Y-encoded with jog keys" Protection Class: IP54; IP65 Motor: EC-motor Supply Voltage: 24 V DC ± 10 % galvanically separated between control and motor and bus Measurement System: Absolute, optical-magnetic Accuracy: ± 0.9° Intermittence: 30% (basis time 300 s) Manual Adjustment: No

Brake: No



PSE 30 - Shaft 8 mm hollow

Performance Curve - Direct Drives PSE

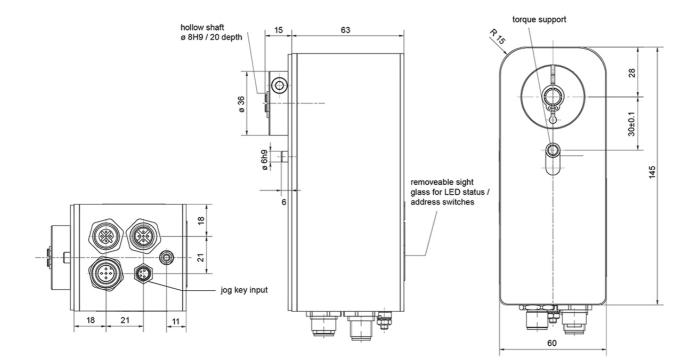


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Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

General Data



Designation	Nominal Torque (Nm)	Nominal Speed (rpm)	Nominal Current (A)	Self-holding Torque (Nm)	Positioning Range (rot.)
PSE 301-8	1	210	2.2	0.5	250
PSE 302-8	2	115	2.2	1	250
PSE 305-8	5	40	2.2	2.5	250

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