## PSE 31 - Shaft 14 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: Vertical

Nominal Torque (Nm): 1; 2 Nominal Speed (rpm): 115; 210 Nominal Voltage (V DC): 24 (± 10 %)

Nominal Current (A): 2.4 Output Shaft (mm): 14 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

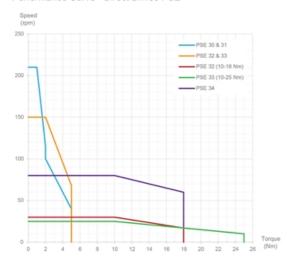
Accuracy: ± 0.9°

Intermittence: 30% (basis time 300 s)
Manual Adjustment: Standard
Brake: Optional (holding brake)

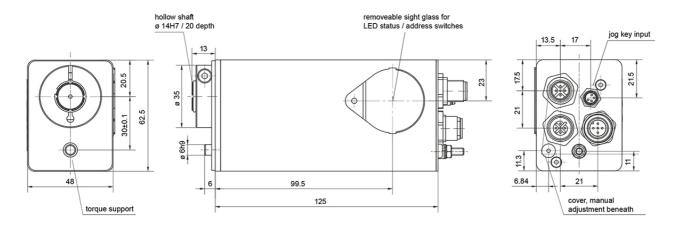


# PSE 31 - Shaft 14 mm hollow

### Performance Curve - Direct Drives PSE



## **General Data**



Designation	Nominal Torque (Nm)	Nominal Speed (rpm)	Nominal Current (A)	Self-holding Torque (Nm)	Positioning Range (rot.)
PSE 311-14	1	210	2.4	0.5	250
PSE 312-14	2	115	2.4	1	250