






# Positioning System PSE/PSS/PSW

PSE - 302-8V - CA - 0 - 0 - 0 - 54

**Design**

PSE (Effecient)  
 PSS (Stainless)  
 PSW (Washable)

**Type**

30: Horizontal   
 31: Vertical   
 32: Horizontal   
 33: Vertical   
 34: Horizontal 1 

**Torque (see table)**

1 Nm  
 2 Nm  
 5 Nm  
 10 Nm  
 18 Nm  
 25 Nm 1

**Output shaft ø mm (see table)**

8  
 14

**Shaft type (see table)**

V: Solid10  
 H: Hollow

**Bus communication**

CA: CANopen	EC: EtherCAT
DP: PROFIBUS DP	PN: PROFINET
DN: DeviceNet2	EI: EtherNet/IP
MB: Modbus RTU2	PL: POWERLINK
SE: Sercos	IO: IO-Link

**Electrical connections**

O: Standard  
 T: Standard with jog keys3,4  
 Y: Plug-in, Y-encoded2  
 Z: Plug-in, Y-encoded with jog keys2, 3

**Brake**

O: Without  
 M: With5

**Certification**

O: CE  
 N: NRTL + CE  
 S: STO + CE without test pulses6  
 T: STO + CE with test pulses6  
 Y: STO + NRTL without test pulses6  
 Z: STO + NRTL with test pulses6

**Protection class**

54: IP547  
 65: IP658  
 68: IP689

- <sup>1</sup> Only for PSE.
- <sup>2</sup> Not for PSE 34.
- <sup>3</sup> Not for PSE 31.
- <sup>4</sup> Always via an extra connector plug, not for IO-Link or PSW.
- <sup>5</sup> Only 14 mm output shafts
- <sup>6</sup> Only for IP 65. Not for PSE 34. Only for EtherCAT, PROFINET, EtherNet / IP, only on request.
- <sup>7</sup> Only for PSE, PSE 34, only IP 65.
- <sup>8</sup> For PSS. For PSE 30 / 31 / 32 / 33 on request.
- <sup>9</sup> Only for PSW
- <sup>10</sup> Not available for PSE

**Standard equipment (connections)**

- Always provided with 3 plugs/sockets (not for IO-Link or Y-encoded connector)
- Address switches always provided (also IE-buses, not for IO-Link)

Design	Key	Torque	Output shaft
PSE PSS PSW	30 1-8 2-8 5-8 1-14 2-14 5-14	1 = 1 Nm 2 = 2 Nm 5 = 5 Nm	8 = 8 mm hollow shaft 8V = 8 mm solid shaft 8H = 8 mm hollow shaft 14 = 14 mm hollow shaft 14V = 14 mm solid shaft 14H = 14 mm hollow shaft
PSE PSS PSW	31 1-8 2-8 5-8 1-14 2-14	1 = 1 Nm 2 = 2 Nm 5 = 5 Nm	8 = 8 mm hollow shaft 8V = 8 mm solid shaft 8H = 8 mm hollow shaft 14 = 14 mm hollow shaft 14V = 14 mm solid shaft 14H = 14 mm hollow shaft
PSE PSS PSW	32 2-14 5-14 10-14 18-14	2 = 2 Nm 5 = 5 Nm 10 = 10 Nm 18 = 18 Nm	14 = 14 mm hollow shaft 14V = 14 mm solid shaft 14H = 14 mm hollow shaft
PSE PSS PSW	33 2-14 5-14 10-14 25-14	2 = 2 Nm 5 = 5 Nm 10 = 10 Nm 25 = 25 Nm	14 = 14 mm hollow shaft 14V = 14 mm solid shaft 14H = 14 mm hollow shaft
PSE	34 10-14 18-14	10 = 10 Nm 18 = 18 Nm	14 = 14 mm hollow shaft