Electrical connectors

Description of electrical connectors for $\ensuremath{\mathsf{PSD4xx}}$ with CANopen interface



Pin assignment

Connection for power supply

- 1 Sealing plug (for address switches, DIP switches and LEDs)
- 2 M12 male connector for bus (B-coded).
- 3 M12 male connector for power supply (A-coded).
- 4 M12 female connector for bus (B-coded).
- **5** Grounding connection

Connector diagram (External top view)	Assignment	Cable connectors
Connector (male):	 +24V motor GND (motor) 	M12; 5-pin (A-coded)
$\begin{array}{c c} 4 \oplus & 5 \oplus 3 \\ \hline 1 \oplus & 5 \oplus 2 \\ \hline 1 \oplus & 1 \oplus 2 \end{array}$	 +24V control unit GND (control unit) Housing 	

Connection for bus

Connector diagram (External top view)	Assignment	Cable connectors
Connector (female):	1. Housing	M12; 5-pin (B-coded)
$\begin{array}{c} 3 \oplus \overbrace{5}{} 64 \\ 2 \oplus \bigoplus 1 \end{array}$	2. Not assigned	
	3. CAN_GND	
	4. CAN_H	
	5. CAN_L	
Connector (male)		



Note: Due to the use of 5-pin connectors, only 5-wire cables should be used.

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Optional accessories

IP protection classes IP54 and IP65 protection are guaranteed.

Accessory		Order no.	
Power supply connector + data bus connector (2x)		9601.0060	