



SmartStart

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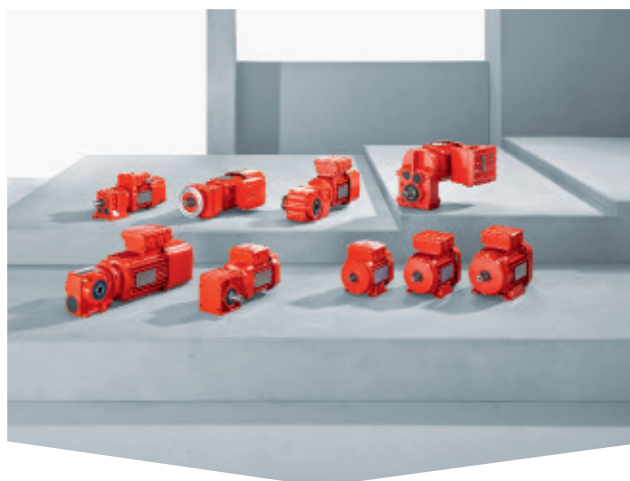
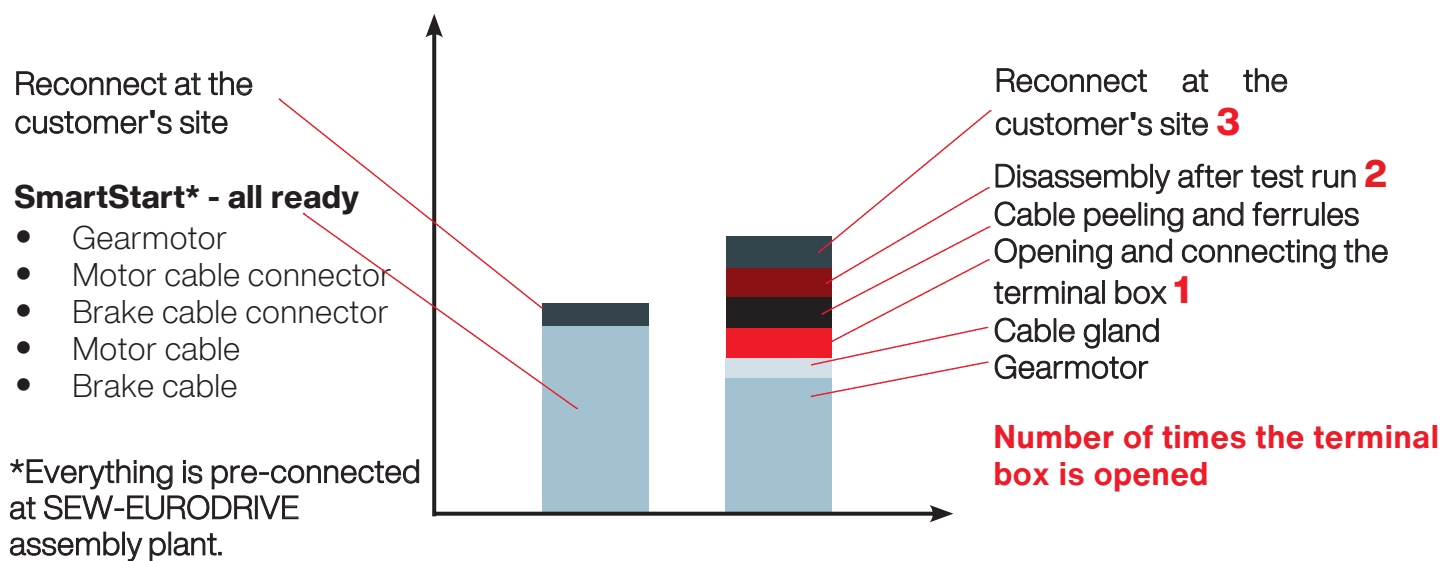
Connector and service concept

The SmartStart connector and service concept is suitable for motors, brakemotors and decentralized drives.

Available in several different types: 1,5 - 2,5 mm².

Brakemotor connection

An example of cost savings.



Discover our cost-effective solution!

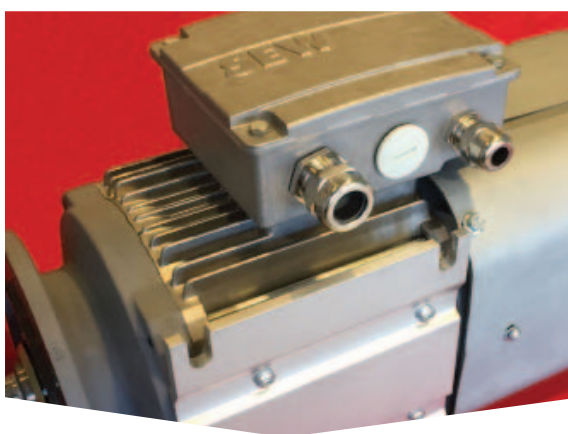
Cable Gland installation with or without cable

EMC cable gland

(pre-installed on the motor)

- Cable gland M16
(for 4.5-10mm cable OD)
- cable gland M20
(for 7-13mm cable OD)
- cable gland M25
(for 6-13mm cable OD)
- cable gland M32
(for 7-15mm cable OD)
- cable gland M32
(for 11-21mm cable OD)

SmartStart EMC cable gland

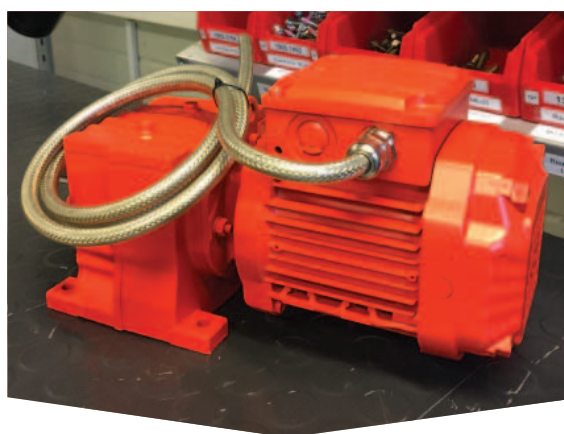


Motor and brake cables

(pre-installed on the motor)

- Motor cable
- Brakemotor cable
- Brake cable

SmartStart motor cable incl. EMC cable gland, motor cable and installation star/delta.



When ordering, please state the connection method: star or delta.

Cable Gland

Cable Glands	M16	M20	M25	M32	M32
TAN Number	84017457	84017465	84017473	84017481	84017635
Cable Outer Diameter, mm	4.5 - 10.0	7.0 - 13.0	6.0 - 13.0	7.0 - 15.0	11.0 - 21.0

1.5mm² cable only

Cable Length	Motor cable with M4 lugs	Brake Motor cable with M4 lugs	Brake cable
Fixed length 10m	84017538	84017554	84017570
Variable length, Xm	84017589	84017600	84017627
Technical Data	Motor cable	Brake Motor cable	Brake cable
Number of cores and mm ² per conductor	4x1,5mm ²	4x1,5mm ² +2x (2x0,75mm ²)	4x1,5mm ²
Outer Diameter, mm	7.2	11.6	7.2

2.5mm² cable only

Cable Length	Motor cable		Brake Motor cable		Brake cable
	M4 lugs	M5 lugs	M4 lugs	M5 lugs	
Fixed length 10m	84017546	84017643	84017562	84017651	84017570
Variable length, Xm	84017597	84017678	84017619	84017686	84017627
Technical Data	Motor cable		Brake Motor cable		Brake cable
Number of cores and mm ² per conductor	4x2,5mm ²		4x2,5mm ² +2x (2x10mm ²)		4x 2,5mm ²
Outer Diameter, mm	8.9		13.6		8.9

Recommended cable gland selection

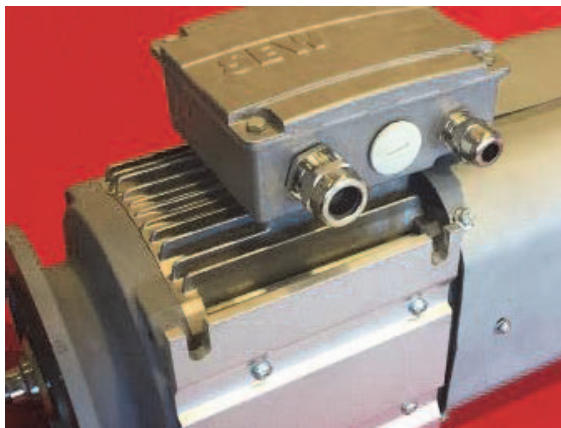
Motor Size	M16	M20	M25	M32 (7-15mm)	M32 (11-21mm)
63		1			
63/BE/TF	1	1			
71			1		
71/BE/TF	1		1		
80			1		
80/BE/TF	1		1		
90			1		
90/BE/TF	1		1		
100				1	
100/BE/TF	1			1	
112				1	
112/BE/TF	1			1	
132					1
132/BE/TF	1				1

Recommended cable selection

Motor Size	Motor cable	Brake Motor cable	Brake cable	Lugs
63	4x 1.5	-	-	M4
63/BE	4x 1.5	4x 1.5 + 2x (2x0.75)	4x 1.5	M4
71	4x 1.5	-	-	M4
71/BE	4x 1.5	4x 1.5 + 2x (2x0.75)	4x 1.5	M4
80	4x 1.5	-	-	M4
80/BE	4x 1.5	4x 1.5 + 2x (2x0.75)	4x 1.5	M4
90	4x 1.5	-	-	M4
90/BE	4x 1.5	4x 1.5 + 2x (2x0.75)	4x 1.5	M4
100	4x 2.5	-	-	M4
100/BE	4x 2.5	4x 2.5 + 2x (2x1.0)	4x 1.5	M4
112	4x 2.5	-	-	M5
112/BE	4x 2.5	4x 2.5 + 2x (2x1.0)	4x 1.5	M5
132	-	-	-	-
132/BE	-	-	-	-

Configuration example

Example 1 : SmartStart Cable gland M16 & M25



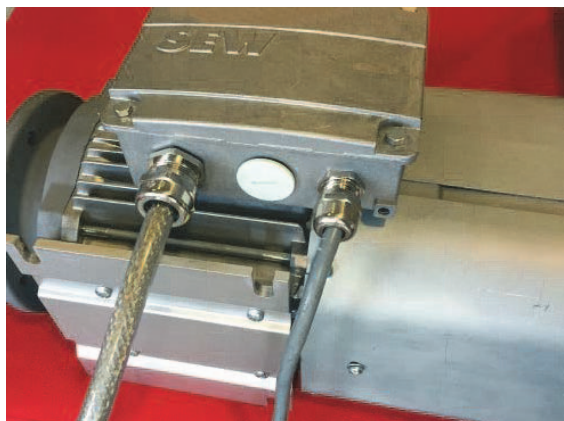
- a. **R27 DRN80M4/BE1**
- b. **84017473** M25 cable gland
- c. **84017457** M16 cable gland

*Example 2: SmartStart Cable Gland M25 & M16 + Brake Motor Cable 10m



- a. **R27 DRN80M4/BE1**
- b. **84017473** M25 cable gland
- c. **84017554** 10m brakemotor cable
- d. **84017457** M16 cable gland
(supplied loose and not installed)

Example 3: SmartStart Cable gland M16 & M25 + Motor Cable 5m & Brake Cable 5m



- a. **R27 DRN80M4/BE1**
- b. **84017473** M25 cable gland
- c. **84017589** 5m motor cable
- d. **84017457** M16 cable gland
- e. **84017627** 5m brake cable

* This combination may not require the small cable gland



COMPANY BACKGROUND

Established in 1981 in Singapore, SEW-EURODRIVE PTE. LTD. is a proud subsidiary of the SEW-EURODRIVE Group, the world leader in the manufacture of drive technology. Like other SEW-EURODRIVE operations around the world, the Singapore subsidiary is part of the Group's worldwide network of assembly centers. It assembles original and genuine parts and markets customized products to customers in Singapore and the Asia Pacific.

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