



Standard specifications:

The IP classification covers the actuator including cable. Connector (if mounted) or open ends is not a part of the IP classification unless otherwise is specified.

Actuator operation temperature:

- easyE/easyE-i 35, 50: - 20 °C to + 70 °C, Storage: - 40 °C to + 70 °C.
- easyE/easyE-i 60: - 20 °C to + 50 °C, Storage: - 40 °C to + 70 °C.

For medical applications (IEC60601-1, ANSI/AAMI/ES60601-1, CAN/CSA-C22.2 No60601-1): Operating temperature + 5 °C to + 48 °C, relative humidity 20 % - 70 % atmospheric pressure = 1 atm. Connect to medically approved supply source only and according to guidelines provided with the source.

Standard configurations:

Standard cables (incl. medical)

	easyE-35 without hall	easyE-35 with hall	easyE-50/60 without hall	easyE-50/60 with hall
Cable diameter	Ø4,70mm +/-0,1mm	Ø4,85mm +/-0,1mm	Ø6,35mm +/-0,2mm	Ø6,35mm +/-0,2mm
Cable specification	2xAWG20	2xAWG20 + 4xAWG26	2xAWG16	2xAWG16 + 4xAWG26
Bending radius (fixed)	6 x cable diameter	6 x cable diameter	6 x cable diameter	6 x cable diameter
Type	UL AWM style 20279	UL AWM style 20279	UL AWM style 20279	UL AWM style 20279
Material	TPU	TPU	TPU	TPU

Shielded cables

	easyE-35 without hall	easyE-35 with hall	easyE-50/60 without hall	easyE-50/60 with hall
Cable diameter	Ø4,70mm +/-0,1mm	Ø4,70mm +/-0,1mm	Ø6,80mm +/-0,2mm	Ø6,80mm +/-0,2mm
Cable specification	2xAWG22 + 4xAWG26	2xAWG22 + 4xAWG26	2xAWG22 + 4xAWG26	2xAWG22 + 4xAWG26
Bending radius (fixed)	10 x cable diameter	10 x cable diameter	10 x cable diameter	10 x cable diameter
Type	UL AWM style 2095	UL AWM style 2095	UL AWM style 2095	UL AWM style 2095
Material	PVC	PVC	PVC	PVC

Hash-Environment cables (not easyE-i)

	easyE-35 without hall	easyE-35 with hall	easyE-50/60 without hall	easyE-50/60 with hall
Cable diameter	Ø4,70mm +/-0,1mm	Ø4,70mm +/-0,1mm	Ø6,60mm +/-0,2mm	Ø6,60mm +/-0,2mm
Cable specification	2xAWG22 + 4xAWG26	2xAWG22 + 4xAWG26	2xAWG22 + 4xAWG26	2xAWG22 + 4xAWG26
Bending radius (fixed)	10 x cable diameter	10 x cable diameter	10 x cable diameter	10 x cable diameter
Type				
Material	TPE Santoprene	TPE Santoprene	TPE Santoprene	TPE Santoprene

Standard configurations:

Standard easyE-i cables

	easyE-35i	easyE-50i/60i
Cable diameter	Ø4,80mm +/-0,15mm	Ø6,80mm +/-0,20mm
Cable specification	2xAWG22 + 6xAWG28	2xAWG16 + 6xAWG26
Bending radius (fixed)	15 x cable diameter	15 x cable diameter
Type	UL AWM style 2095	UL AWM style 2095
Material	PVC	PVC

Harsh-Environment (HE) easyE-i cables

	easyE-35i	easyE-50i/60i
Cable diameter	Ø4,80mm +/-0,20mm	Ø6,80mm +/-0,20mm
Cable specification	2xAWG22 + 6xAWG28	2xAWG16 + 6xAWG26
Bending radius (fixed)	15 x cable diameter	15 x cable diameter
Type		
Material	TPE Santoprene	TPE Santoprene

Options:

Available options	easyE-35	easyE-50	easyE-60	easyE-35i	easyE-50i	easyE-60i
Shielded cable (not HE-version, not with ES60.601-1)	✓	✓	✓	☒	☒	☒
Harsh-Environment (HE) cable	✓	✓	✓	✓	✓	✓
Medical approval ES60.601-1	✓	✓	✓	☒	☒	☒

Recommendations and warnings

- Cable length for easyE-i with 12 VDC motor is limited to 5 m, 24 VDC motor is limited to 9 m.
- Longer cable lengths may cause a voltage drop which affects the performance of the actuator.

On request

- Other cables and connectors on request
- Contact Bansbach for any special requirements

Subject to technical changes and printing mistakes.

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