



Installation Manual FMS-winderGLIDE

Type D.1

Unwind Actuator for Web Guiding

Version 1.02 06/2006 st

This operation manual is also available in german.
Please contact your local representative.

Diese Bedienungsanleitung ist auch in deutsch erhältlich.
Bitte kontaktieren Sie die Vertretung im zuständigen Land.

1 Functional description

The actuators of the FMS-winderGLIDE Type D.1 series have been specifically developed for use in unwind and rewind stations. Due to the powerful drive, they are suitable for moving large reels. For reasons of cleanliness, the FMS-winderGLIDE Type D.1 is superior to hydraulic drives especially when related to foodstuff and pharmaceutical packaging.

The FMS-winderGLIDE Type D.1 has a ball screw which is driven by a stepper motor. The position of the ball screw is measured by a hull element and fed back to the controller. The FMS-winderGLIDE is also highly suitable for upgrading existing installations.

2 Dimensions, Technical Data

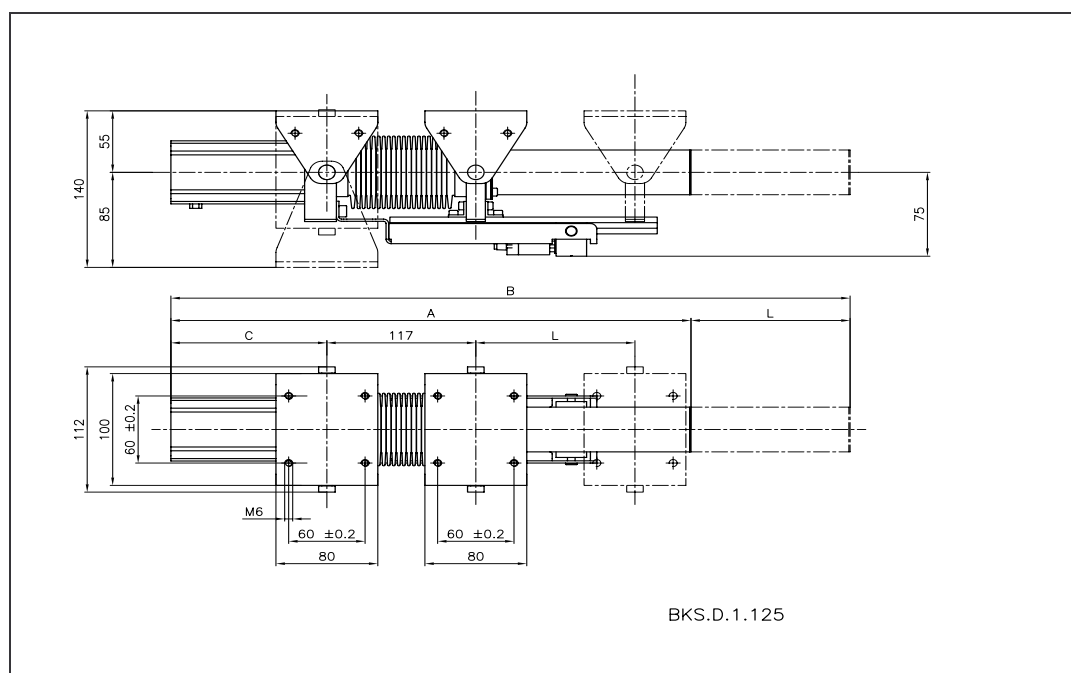


fig. 1

BKS.D.1

FMS-winderGLIDE Type D.1	BKS.D.1.[offset]. [Screw pitch.type]	BKS.D.1.[offset]. [Screw pitch.type]
Steering offset L [mm]	125 or 190	125 or 190
Bracket distance A in center pos	408.5	446.5
Total length B [mm]	533.5	571.5
Total length C [mm]	122.5	160.5
Screw pitch	5	5
Thrust force [N]	600	1200
Adjusting speed [mm/s]	25	25
Drive (stepper-motor)	type 120	type 180
Temperature range [°C]	0...50	
Protection class	IP30	

Example: BKS.D.1.125.5.120

3 Installation

3.1 Mounting FMS-winderGLIDE Type D.1

The mounting flange near the gearbox shall be mounted to the machine frame. The mounting flange on the ball screw (between the two rubber bellows) shall be mounted to the winding stand.

3.2 Wiring

Wiring to the web guide is done according to wiring diagram (fig.2, 3).

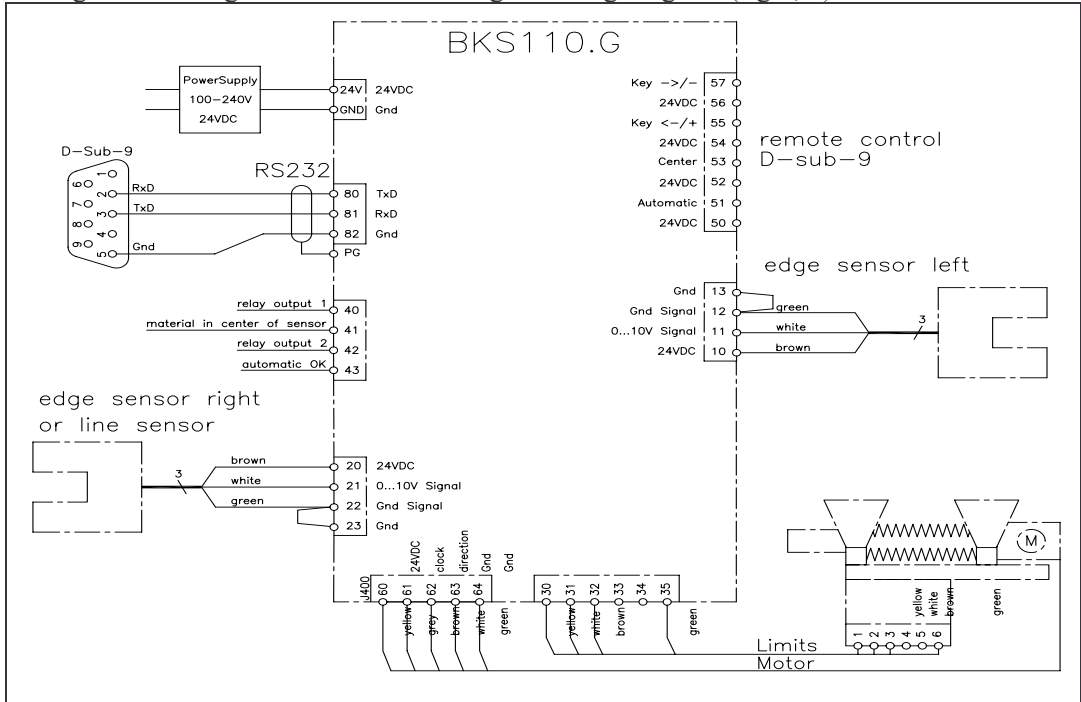


fig. 2: Wiring diagram BKS110

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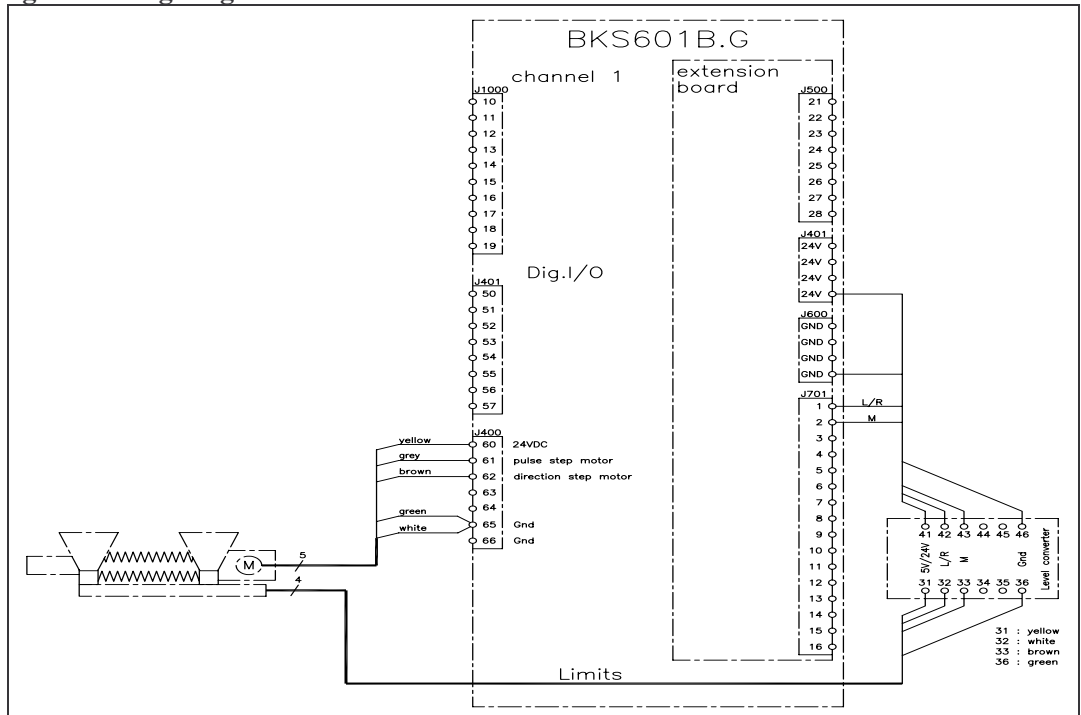


fig. 3: Wiring diagram BKS601B.G

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FMS Force Measuring Systems AG
Aspstrasse 6
8154 Oberglatt (Switzerland)
Tel. 0041 44 852 80 80
Fax 0041 44 850 60 06
info@fms-technology.com
www.fms-technology.com

FMS USA, Inc.
925 East Rand Road Suite 207
Arlington Heights, IL 60004 (USA)
Tel. 847 392 7872
Fax 847 392 7873
fmsusa@fms-technology.com

FMS (UK)
Highfield, Atch Lench Road
Church Lench
Evesham WR11 4UG (Great Britain)
Tel. 01386 871023
Fax 01386 871021
fmsuk@fms-technology.com