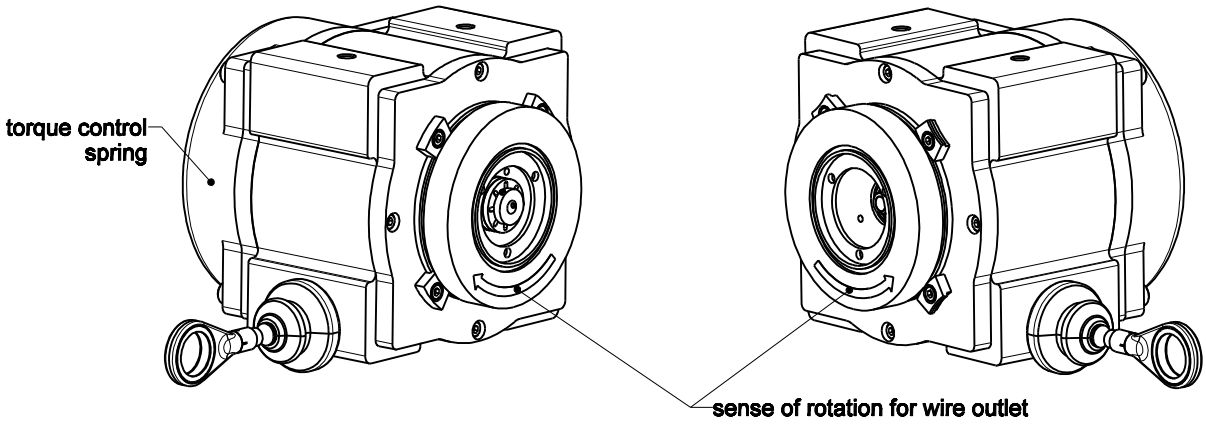
Rope Length Transmitter of version SL3000

Mounting instruction for changing the spring cartridge GS130 (5-30m)

FSG Fernsteuergeräte
Mess- und Regeltechnik GmbH
D-15712 Königs-Wusterhausen
OT Kablow, Mühlenweg 2-3

wire outlet "right" (standard)

wire outlet "left"

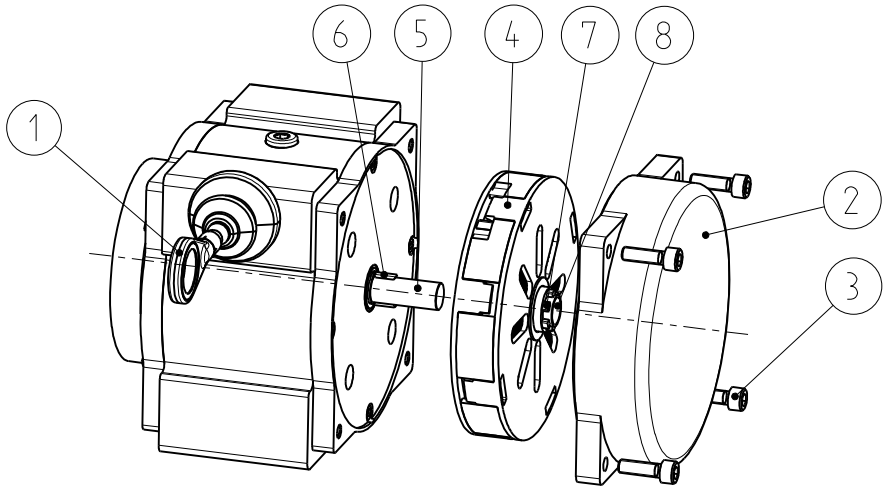


disassembling of the old spring cartridge

-extract the wire (1) at maximum and lock at this position (e.g. FSG wire stop)
-release 4 screws M6 (3) carefully (keep hold on the feather cap)
-rotate back the control spring (2) against light impression
!attention! the draw-off of the torque control spring in tight condition may result in injuries of the spring
-drop off the torque control spring carefully and draw-off the spring cartridge(s) (4) from the shaft (5)

built-in the new spring cartridge

-the wire is extracted at maximum and locked at this position
-push the spring cartridge(s) on the shaft and watch that the feather key (6) contact the nut of the spring frame (7)
-put-on the torque control spring (nuts in the torque control spring may locked in the cogging of the last spring frame (8))
-draw on the torque control spring for wire outlet "right" in clockwise direction against light impression until arrester (seen on torque control spring) (wire outlet "left" against clockwise direction)
-according to measuring length and version (see chart), turn back the torque control spring according to instructions
-attach 4 screws M6 and tighten
-release the measuring wire from arrestor and pull-in slowly



design	root of article number	measuring length	numbers of the turning back spring coils
GS130	5930Z02, Z50	5m	6 rotations
		10m	2 rotations (12 rot.)*
		15m	8 rotations (12 rot.)*
		20m	4 rotations (12 rot.)*
		25m	12 rotations (9 rot.)*
		30m	6 rotations (12 rot.)*
*) numbers of coil for version with additional spring cartridge			

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5930Z02-MA:19E	/0	Blatt 1/1	M 3:10	Datum	20.07.10
				gezeichnet	C.Dierich
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				Datei	5930Z02_MA_19E.dwg