

## Application - News N°135 SPECTRO-3 series



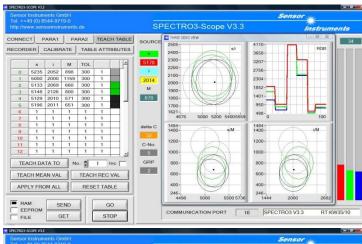
Sensor W

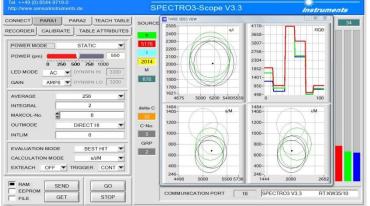
## 1. Color differentiation of three different colored spiral springs

Three different colored spiral spring types should be differentiated. At the position where it should be controlled the position of the coil spring is accidentally oriented. At this a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical front end type **KL-8-R2.1** are used. The distance from the optical front end to the spiral spring is approximately 15mm and the size of the white light spot around 4mm x 0.7mm. As shown in the screen shots a proper differentiation of the spiral spring types is possible.









Sensor Instruments GmbH Tel. ++49 (0) 8544-9719-0	Sensor 🔐	
http://www.sensorinstruments.de	SPECTRO3-Scope V3.3	Instruments
CONNECT PARA1 PARA2 TEACH TABLE		34
RECORDER CALIBRATE TABLE ATTRIBUTES	2505-2505-2400-2505-2400-3658-	RGB
SET ROW COLORS MANUALLY	5178 2300- 3207-	
SELECT ROW 🗐 3 ROW COLOR	2014 2200-2756-2304-	
ASSIGN TO ROW GET FROM FILE	M 1900- 1852-	3
SAVE TO FILE SET AS STARTUP FILE	678 1800- 1401-	
SPECIFICATION	1700- 1621- 4675 5000 5200 54005559 498- 0	
0 spiral spring gray 1 spiral spring gray double	delta C 1484- 1484-	100
2 spiral spring green	1400-s/M 1400-	
3 spiral spring green _ double	1200-	
4 spiral spring black	C-No:	
5 spiral spring black _ double	5 1000- 1000-	
7	GRP 800- 800-	
8	2 600- ( • ) 600-	
9		
10	400- 400-	
	246-, 246-, 246-, 246-, 1444	2000 2682
RAM SEND GO	4470 0000 5500 5736 1444	2000 2682
EEPROM	COMMUNICATION PORT 16 SP	ECTRO3 V3.3 RT:KW35/10
FILE GET STOP		

