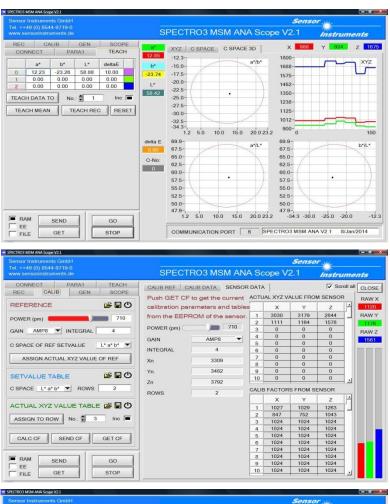


N°465 SPECTRO-3 series

添 Instruments

1. Color measurement of the insulation of cables

The color of the insulation of electrical cables should be inline measured. For this purpose a color measurement sensor type **SPECTRO-3-FIO-MSM-ANA** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-Y-67°-(1P+1BP)/2P** and an optical frontend type **KL-9-A3.0** will be used. The distance from the optical frontend to the insulation of the cable is approximately 11 mm and the spot size at this distance is around 1.5 mm in diameter. The color of the insulation can be proper measured as shown in the screenshots.



Sensor Instruments GmbH Tel. ++49 (0) 8544-9719-0 www.sensorinstruments.de	Sensor 🔐.	
	SPECTRO3 MSM ANA Scope V2.1	Instruments
REC CALIB GEN SCOPE CONNECT PARA1 TEACH	a* XYZ C SPACE C SPACE 3D X 926 12.96 -13.3- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800- 1800-<	Y 863 Z 1589
POWER (pm) 710 0 250 500 750 1000	b* -15.0- 24.04 -17.5- → 1650- 1650- 1650- 1650-	
ED MODE AC GAIN AMPS	-20.0- L* -22.5- 56.86 -25.0- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1300- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 1200- 120-	U
SPACE L* 8* b* CALIB UCAL	-27.5- -30.0- 900-	
	-32.5-750- -35.3- 2.3 5.0 10.0 15.0 20.0 24.3 0	100
	lelta E 68.1- 0.46 65.0- C.No: 62.5- 65.0- 62.5-	b*/L*
MAXCOL-No. 2	60.0- 67.5- 67.5-	
NTLIM 0 EVALUATION MODE BEST HIT	57.5 55.0- 52.5- 52.5-	
EXTEACH OFF TRIGGER CONT	50.0- 46.1-	
EE GO GO	2.3 5.0 10.0 15.0 20.0 24.3 -36.3 -30	0.0 -25.0 -20.0 -13.3
FILE GET STOP	COMMUNICATION PORT 6 SPECTRO3 MSM A	NA V2.1 8/Jan/2014

