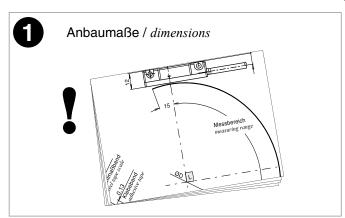
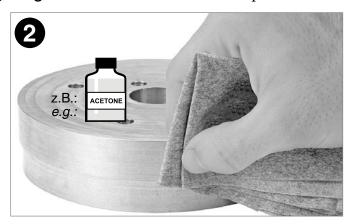
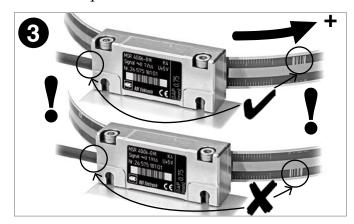
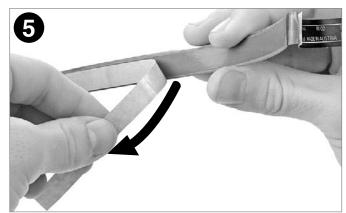
Montageanleitung / Mounting Instruction MSR 40 MKS Stahlmaßband mit aufgezogenem Klebeband / steel tape scale with adhesive tape

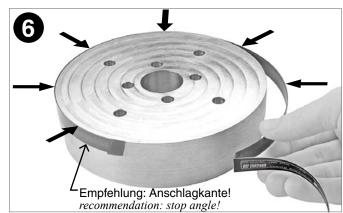


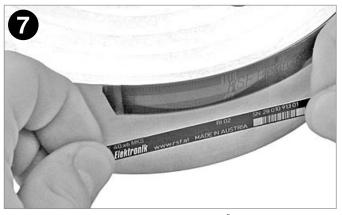


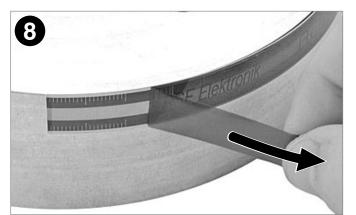


- 4
 - Verklebungstemperatur zwischen +18 °C und +38 °C, unter +15 °C keine ausreichende Soforthaftung!
 - adhesion temperature is from 64 °F to 100 °F, below 59 °F no sufficient bond strength!
 - auf ausreichenden, gleichmäßigen Anpressdruck achten! keep attention to a firm application pressure!
 - Endklebekraft nach ca. 72 Stunden bond strenth after approx. 72 hours

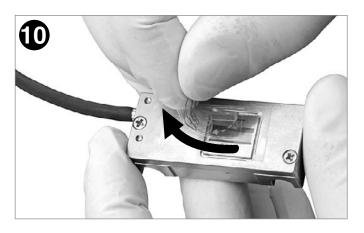




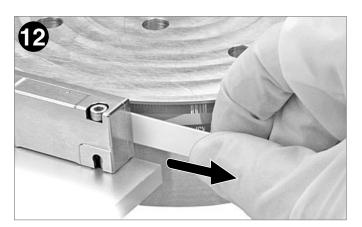


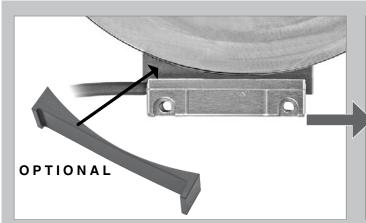


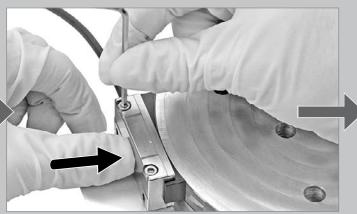


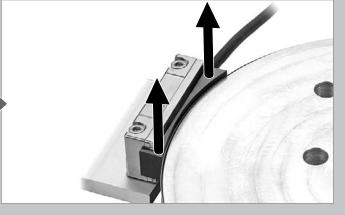














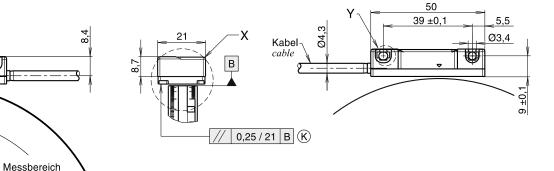


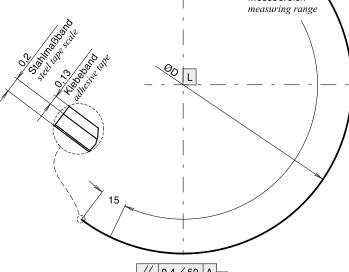
(

20 ±0,05 (K)

15



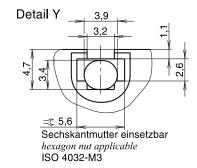


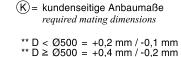


© Detail X

(K) 4,7 ±0,5

12,7 ±0,1



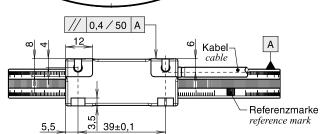


L = Lagerung bearing

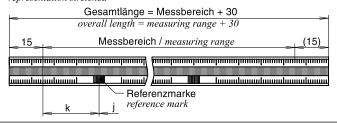
D = Wellendurchmesser shaft diameter

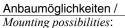
Referenzmarke / reference mark:

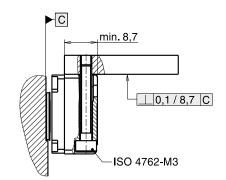
- k = beliebige Position der Referenzmarke vom Beginn der Messlänge
- = any position of reference mark from the beginning of measuring length
- j = zusätzliche Referenzmarken im Abstand von n x 100 mm
- = additional reference marks separated by n x 100 mm

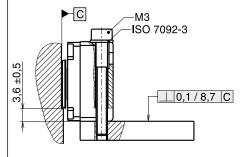


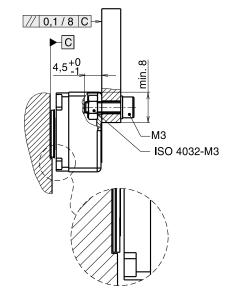
Darstellung gestreckt representation stretched







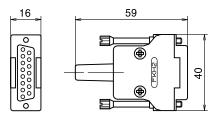




Empfehlung: Anschlagkante! recommendation: stop angle!

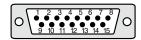
Stecker LD15 15-polig

Connector LD15 15-pin



PIN Belegung (Sicht auf Stiftseite)

Pin-out (view on pins)



Steckerbelegung / Connector pin out

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Rechtecksignale über Line Driver	nc	Sensor 0 V	Us	RI	T2	<u>T1</u>	Sensor +5 V	+5 V	0 V	nc	nc	RI	T2	T1	Schirm shield
Square wave signals															

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Spannungssignale Voltage signals	nc	Sensor 0 V	nc	RI	<u>A2</u>	<u>A1</u>	Sensor +5 V	+5 V	0 V 	nc	nc	RI	A2	A1	Schirm shield

· Sensor:

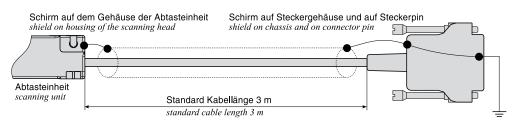
Die Sensor-Pins sind im Steckergehäuse auf die jeweilige Spannungsversorgung gebrückt The sensor-pins are bridged in the chassis with the particular power supply

• Schirm ist zusätzlich mit dem Steckergehäuse verbunden The shield is connected with the chassis

Schirmverbindungen / Cable shielding

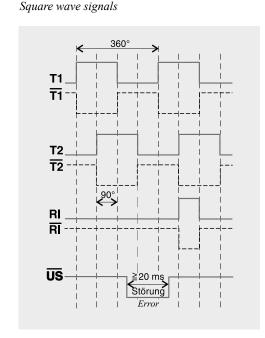
Geschirmtes PUR-Kabel, Standard, Ø4,3 mm Biegeradius einmalig > 10 mm, dauernd > 50 mm, Torsion > 300.000 Zyklen, Schleppkette > 5.000.000 Zyklen Das Steckergehäuse muss galvanisch mit Schutzerde verbunden sein

Shielded PUR-cable, standard, Ø 4.3 mm bending radius fixed mounting > 10 mm, continuous flexing > 50 mm torsion > 300,000 cycles, dragchain > 5,000,000 cycles The connector housing must be connected to protective ground

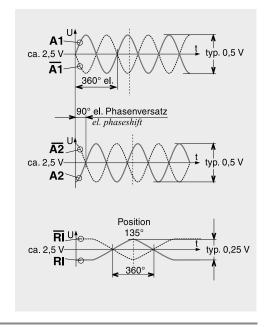


Ausgangssignale / Output signals

Rechtecksignale



Sinusförmige Spannungssignale Voltage signals



Elektronische Anbauhilfen / Electronic test/set-up boxes

Zur einfacheren Kontrolle bietet RSF Elektronik verschiedene Prüfgeräte an, mit deren Hilfe dieser Vorgang schnell und komfortabel durchzuführen ist. For the easier control RSF offers various signal test boxes. With these test boxes all encoder signals can be quickly and easily checked.

Sinusförmige Spannungssignale 1 Vss / Voltage signals 1 Vpp = **PG1-U**, **PG-U** Rechtecksignale / Square wave signals = **PG4**, **PS4**

