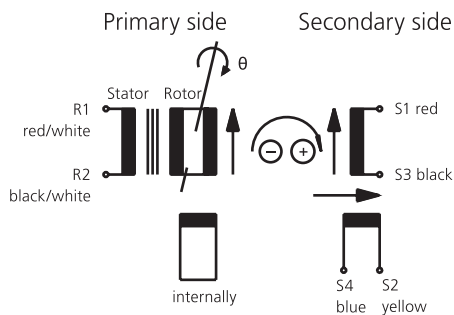




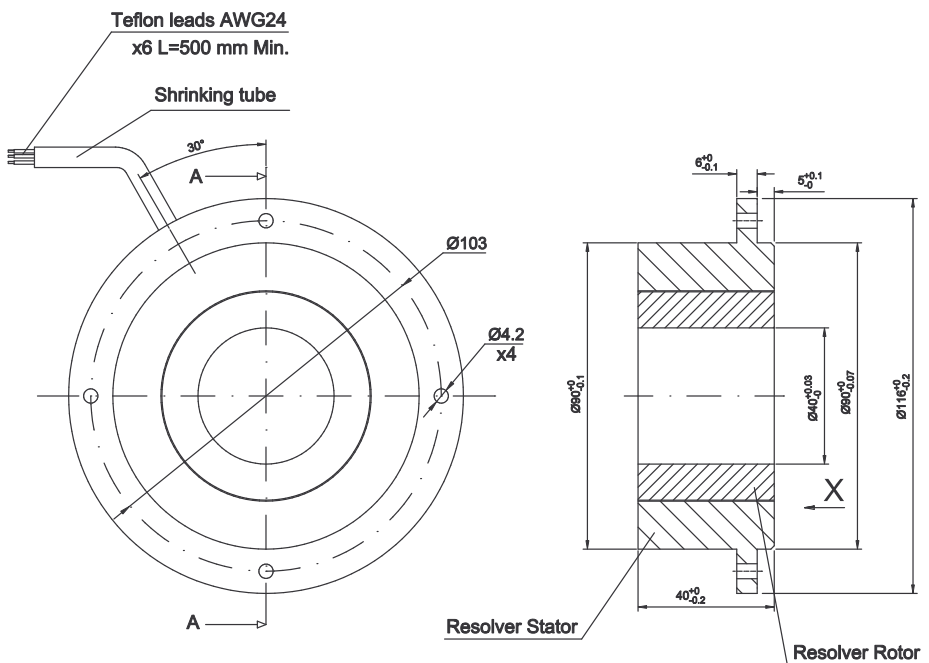
### FACTS

- Hollow shaft Ø: max. 40 mm
- Outer Ø: 90 mm
- Length: 40 mm



Input:  $E(R1-R2) = E \cdot \sin(\cos)$   
 Output:  $E(S1-S3) = TR \cdot E(R1-R2) \cdot \cos \theta$   
 $E(S2-S4) = TR \cdot E(R1-R2) \cdot \sin \theta$   
 TR = Transformation ratio

Positive counting direction:  
 Rotor cw as viewed ( X → )



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## SELECTION GUIDE FOR ELECTRICAL DATA

Primary side	R1 - R2
Pole Pairs	1; 3
Transformation ratio	$0,5 \pm 10\%$
Input voltage	7 V
Input frequency	5 kHz
Phase shift	$-^\circ \pm 3^\circ$
Null voltage	max. 30 mV
Accuracy spread	6'
Operating temperature	-55 °C ... +155 °C (-67 °F ... +311 °F)
Hi-pot housing/winding	min. 500 V <sub>AC</sub>
Hi-pot winding/winding	min. 250 V <sub>AC</sub>
Rotor/Stator	Completely impregnated