

MYM-65 Technical Information

Features

- Hollow shaft ID: 100 mm
- Outer diameter: 165 mm
- Length: 35 mm

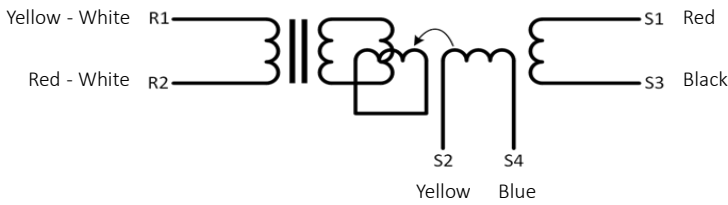


MYM-65 Electrical Data

MDS.MYM-65

Primary Side	R ₁ -R ₂
Pole pairs	8
Transformation ratio	0.47±10%
Input Voltage	5 V _{rms}
Input Current	39 mA
Input frequency	10 kHz
Phase shift	-10° ± 2°
Null Voltage	20mV _{max}
Z _{ro}	41.7+132.6j Ω
Z _{rs}	41+131.1j Ω
Z _{so}	441+1970jΩ
Z _{ss}	433+1940j Ω
R1-R2 DC resistance	22 Ω ± 10% (@20°C)
Stator DC resistance	225 Ω ± 10% (@20°C)
Accuracy	±5'
Operating temp.	-50°C / +110°C

MYM-65 Schematic and Technical Drawings



Input: $E(R_1-R_2) = E \sin(\omega t)$

Output: $E(S_1-S_3) = Tr \times E(R_1-R_2) \cos\theta$
 $E(S_2-S_4) = Tr \times E(R_1-R_2) \sin\theta$

T_r: Transformation ratio

