

Features

- Hollow shaft ID: 4 mm
- Outer diameter: 20.32 mm
- Length: 18 mm

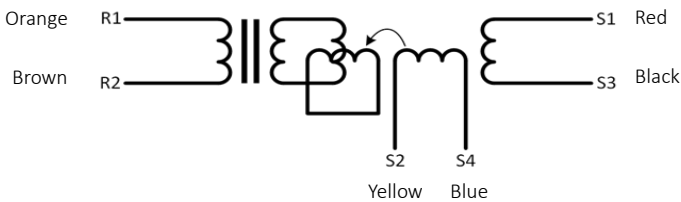


MYM-08 Electrical Data

MDS.MYM-08-1P-A01R

Primary Side	R ₁ -R ₂
Pole pairs	1
Transformation ratio	0.5±10%
Input Voltage	7 V _{rms} – (5V _{rms})
Input Current	63 mA – (45mA)
Input frequency	10 kHz
Phase shift	-20° ± 2°
Null Voltage	30mV _{max}
Z _{ro}	74+99j Ω
Z _{rs}	70+87j Ω
Z _{so}	105+270 Ω
Z _{ss}	103+240j Ω
R1-R2 DC resistance	48 Ω ± 10% (@20°C)
Stator DC resistance	32 Ω ± 10% (@20°C)
Accuracy	±10'
Operating temp.	-50°C / +155°C

MYM-08 Schematic and Technical Drawings



Input: $E(R_1-R_2) = E_{in}(wt)$

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

