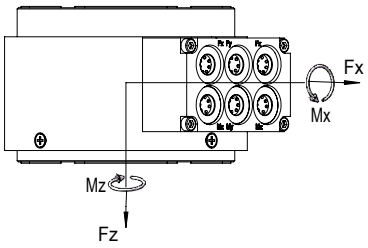
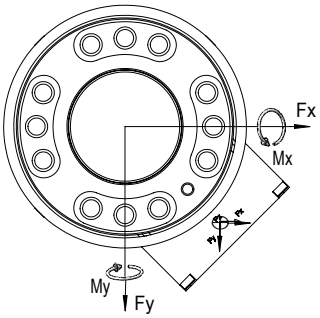
MFS6-A003



Dimensions:

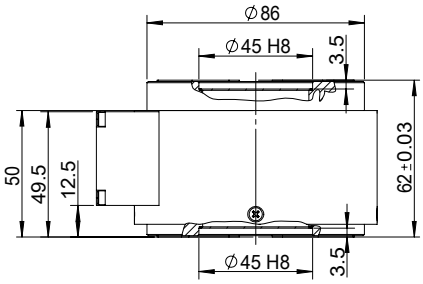
Unit (mm)

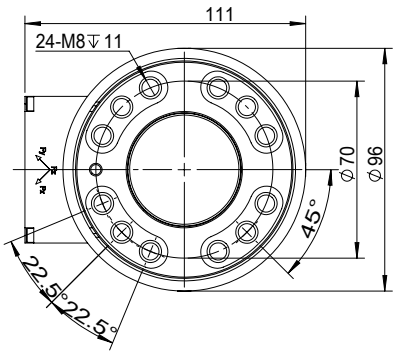




Connection mode:

Fx Fy Fz Mx My Mz		
Pin1	E+	Red
Pin2	S+	Green
Pin3	S-	White
Pin4	E-	Black





Nominal lateral force Fx/Fy	2kN	5kN	10kN
Nominal axial force Fz	10kN	25kN	50kN
Nominal bending moment Mx/My	150N.m	350N.m	700N.m
Nominal torsional moment Mz	150N.m	250N.m	500N.m
Nominal sensitivity Fx/Fy	1.5±0.3 mV/V		
Nominal sensitivity Fz	1.3±0.3 mV/V		
Nominal sensitivity Mx/My	1.4±0.3 mV/V		
Nominal sensitivity Mz	1.2±0.3 mV/V		
Accuracy Class	0.5		
Non-linearity	±0.5% F.S		
Hysteresis	±0.5% F.S		
Non-repeatability	±0.2% F.S		
Creep(30min)	±0.2% F.S		
Temperature effect on Span	±0.2% F.S/10°C		

Temperature effect on Zero	±0.2% F.S/10°C
Compensated temp. range	-10°C~40°C
Operating temp. range	-20°C~65°C
Zero Balance	±1% F.S
Input Resistance	700±15Ω
Output Resistance	700±15Ω
Safe Overload	±150% F.S
Ultimate Overload	±200% F.S
Excitation Voltage	10V AC/DC
Max excitation Voltage	15V AC/DC
Insulation Resistance	≥2000MΩ 50V(DC)
Protection class	IP65
Connector	M9 series 712