

DESCRIPTION

FSM for 50 mm diameter mirror with CCBu20 controller box.

APPLICATION

Line of sight stabilisation.



ENVIRONMENTAL CONDITIONS

- Operating temperature range: -40°C to +70°C
- Shocks : 30 G

DTT35XS-SG-SV with CCBu20 electronics

PARAMETER	UNIT	DTT35XS-SG-SV
Angular stroke Rx & Ry +/-	mrad	3
Dimensions	mm	∅ 48×27
Total mass	g	164
Mirror mass	g	25
Mirror dimensions	mm	∅ 50×6
Loaded resonance frequency	Hz	860
Resolution	nrad	< 500
Settling time within 5%	ms	<2
Linearity	%	0.2
Control bandwidth	Hz	200
Capacitance (per axis)	µF	0.5
Controller	CTEC standard CCBu20	
Embedded electronics board	SG conditioning, EEPROM memory, temperature monitoring and compensation	