

Specifications

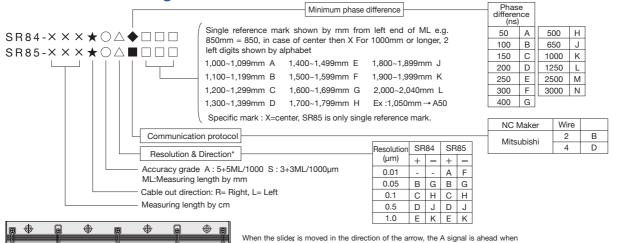
Model	SR84		SR85	
Measuring length (ML)	140~3040mm 140, 240, 340, 440, 540, 640, 740, 840, 940, 1040, 1140, 1240, 1340, 1440, 1540, 1640, 1740, 1840, 2040, 2240, 2440, 2640, 2840, 3040			
Thermal expansion coefficient (/ °C)	12 ± 1 x 10 ⁻⁶ / °C			
Output signal	A/B, Reference point line driver signal (compliant with EIA-422)		Incremental serial bidirectional signal, compliant with EIA-485	
Accuracy (at 20 °C) ML:mm	3+3ML/1,000 µm p-p or 5+5ML/1,000 µm p-p			
Resolution	Selectable from 0.05,0.1,0 (Set at factory ship		Selectable from 0.01,0.05,0.1,0.5 and 1.0 μm (Set at factory shipping)	
Reference point	None, Center point, Multi-point (40 mm pitch), Reference mark (standard pitch: 20 mm), User-selected point (1 mm pitch)		None, Center point, User-selected point (1 mm pitch)	
Power supply voltage	DC4.75 - 5.25V(At cable connection end)			
Consumption current	200 mA (at 120 Ω terminal) max.			
mrush current	2A max. (When the power supply rise time is 10 ms)			
Maximum response speed	50m/min(Resolution: 0.1 um, Minimum phase difference: at 50 ns)		200m/min (User-selected resolution setting)	
Vibration resistance	250m/s² (50Hz~2kHz)			
mpact resistance	450m/s ² (11ms)			
Protective design grade	IP54 (Air purge not included), IP65 (Air purge included)			
Other protections	Oil lubricant can also be used under severe environmental conditions.			
Power supply protection	In the case of errors such as a reverse-connected power supply or over-voltage, the internal fuse is cut to protect the power being supplied and wiring.			
Safety standards	FCC Part15 Subpart B Class A. ICES-003 Class A Digital Device. EN55011 Gp1 Class A, EN61000-6-2. Safety standards not applicable (60 V DC or less).			
Operating temperature range(°C)	0 ~ +50 °C			
Storage temperature range(°C)	-20 ~ +55 °C			
Mass	Approx.1.24kg + 4kg/m			
Slider sliding resistance	1N or less			
Model	CH33-**CP	CH33-**(CE	
Description	Cable with open end	Cable with op	en end	
Cable length	3,5,10	3,5,10,15m		
Material	PVC	PU		

*Please consult with our sales for the cable length other than above.

YES

Details of model designation -

Armor



the direction is "positive," and B signal is ahead when the direction is "negative."

YES