

Solid and wear-resistant appearance, accurate measurement, imported flexible steel wire, mainly used for hydraulic system, linear motion system control, displacement strain detection, etc

Rotary encoder MLX115A series

► Model Explanation

MLX	115	S	-F-	(2500)	BZ	5-30	F	2	-5M
Model									
M: Incremental encoder	Size	Signal type S: Digital output	Output configuration : F: Push-pull C: Open collector E: Voltage L: Driver output (driving element AM26LS31) T: Driver output (driving element ICHD7)	Resolution 10-5000P/R	Outputsignal: B:AB BZ:ABZ	Supply voltage 5:5V 5-30:5-30V	Outlet way G: Side outlet F: Side outlet waterproof E: Bottom outlet	Cable 2 : 2m	Length of steel wire 2:2M 5M:5m 10M:10m 15M:15m
		A: Analog output	0-10:0-10V 485:R485 Output 4-20:4-20MA	12 : 4096P/R	Number of turns: 12 : 2°=4096				

► Cable Color Explanation

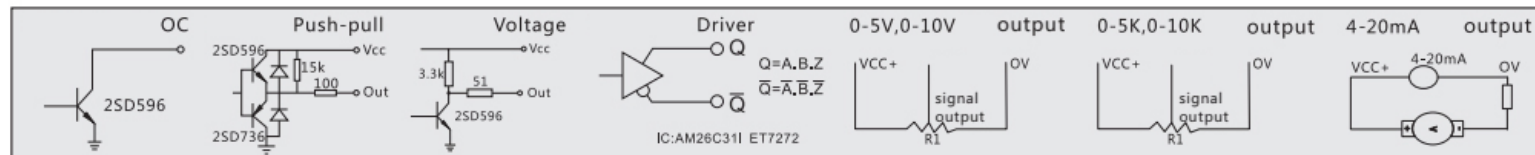
Signal	VCC	0V	A	B	Z
5 wires	Red	Black	Green	White	Yellow

Note1 : Please refer to color table or product instruction to connect wires.Chang of wire color will not be informed respectively.

► Specification

Measuring stroke	0-5000mm	Repetition precision	0.01%
Resolving power	0.1, 0.04, 0.02, 0.01, 0.005	Maximum round-trip speed	300mm/s
Hub circumference	100mm	Reciprocating frequency	20Hz
Shell material	Aluminium alloy	Response frequency	200Hz
Surface treatment	Oxidizing sand blasting	Life	2-5million times
Wire rope	0.6mm	Anti vibration	10Hz-1500Hz 10G
Linear precision	0.05%FS	Impact resistance	50G

► Example for output circuit



► Mounting Dimensions(Unit:mm)

