Model $SQ \blacklozenge \blacklozenge - \times \times \times \star \star S \bigtriangleup \blacksquare$ Model name SQ47 SQ57 [Distance from left end of effective length Table1 Effective length 90 to 3,740mm(*1) 70 to 3,770mm(* ±(1.5+1.5L/1000)µm Accuracy [▼]Commu Resolution Selectable from 0.005/0.01/0.05/0.1/0.5/1um A:FANUC a Maximum response speed 200m/min B:Mitsubishi D:Mitsubishi Vibration resistance 250m/s² (50 to 2,000Hz) F·Yaskawa 980m/s² (11ms) Impact resistance Z:SIEMENS Protective design grade IP67 (functiona 1.35W typ [△]Resolution Consumption current 2.1W typ (SIEMENS) [S]Accuracy ±(1.5+1.5L/ DC5V (FANUC/Mitsubishi Electric/Yaskawa Electric DC24V (SIEMENS) Power supply voltage Effective leng [★]Cable le Operating temperature 0 to 50°C (SQ47 only R: Right Output signal Compatible with each serial interface CH23 Series [×]Effective [♦]Type Connection CH23A Series Option cable (FANUC) CH22 Series

eft end of effective length	<fan (Mitsu</fan 	ubishi	Electric :	Pola	ic> rity +	only)
nication protocol	Model name	Polarity	Resolution	Model name	Polarity	Resolution
Electric Half duplex	S		0.005µm	Т		0.005µm
Electric Full duplex	А		0.01µm	F		0.01µm
DRIVE-CLiQ	В		0.05µm	G		0.05µm
	С		0.1µm	н	-	0.1µm
and polarity(See Table 1)	D		0.5µm	J		0.5µm
/ 1000)um	Е		1µm	К		1µm
gth (L: mm)	<yask< td=""><td>awa E</td><td>Electric/SI</td><td>EMEN</td><td>√S></td><td></td></yask<>	awa E	Electric/SI	EMEN	√S>	
ead-out direction	Model name	Polarity	Resolution			
L: Left	S		0.005µm			
length (in cm)	А] †	0.01µm			

(*)Mitsubishi Electric: fix (center of effective length) SIEMENS: fix

(*1) For effective length exceeding 3,740 mm, please contact our sales department. (*2) For effective length exceeding 3,770 mm, please contact our sales department.





SQ57 series L2 = 100 × (n-1) ngth) = L (Effectiv L (Effective length // 0.05 MC // 0.05 A 4// 0.1 Note) "MG" refers to the machine of Unit: mm

Please contact us for more details.

SQ57 with base



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SPEED X PRECISION

To use this product safely, please read the instruction manual carefully and thoroughly prior to usage.

Magnescale Co., Ltd.

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SmartSCALE

Stronger resistance to harsh environments compared to SR27A / SR67A models

