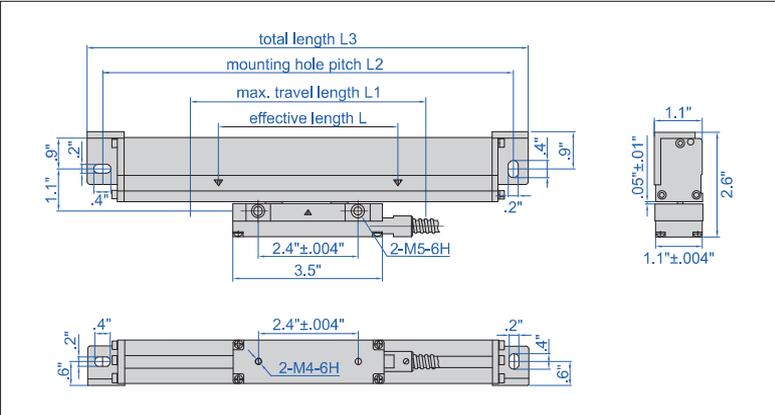# LINEAR SCALES (RS422 SIGNAL)

IP54
WATERPROOF

■ Connected to digital display box or PLC

ISL-C5-450

total length L3
mounting hole pitch L2
max. travel length L1
effective length L

1.1"
.9"
.2"
.4"
.4"
.9"
.2"

2.4"±.004"
3.5"
2-M5-6H

1.1"
.05"±.01"
2.6"
1.1"±.004"

.4"
.2"
.6"
2.4"±.004"
2-M4-6H
.2"
.4"
.6"

anti-dust cover (included)

plain base (included, for L≥60")

'L' shape support (included)

mounting accessories (included)
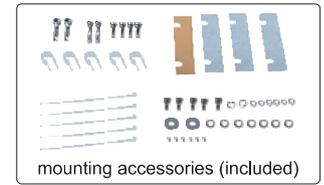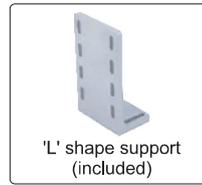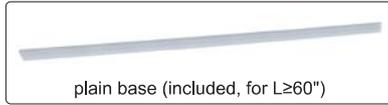
Effective length (L)	Part No.	
	Series ISL-C1	Series ISL-C5
2"/50mm	ISL-C1-50	ISL-C5-50
4"/100mm	ISL-C1-100	ISL-C5-100
6"/150mm	ISL-C1-150	ISL-C5-150
8"/200mm	ISL-C1-200	ISL-C5-200
10"/250mm	ISL-C1-250	ISL-C5-250
12"/300mm	ISL-C1-300	ISL-C5-300
14"/350mm	ISL-C1-350	ISL-C5-350
16"/400mm	ISL-C1-400	ISL-C5-400
18"/450mm	ISL-C1-450	ISL-C5-450
20"/500mm	ISL-C1-500	ISL-C5-500
22"/550mm	ISL-C1-550	ISL-C5-550
24"/600mm	ISL-C1-600	ISL-C5-600
26"/650mm	ISL-C1-650	ISL-C5-650
28"/700mm	ISL-C1-700	ISL-C5-700
30"/750mm	ISL-C1-750	ISL-C5-750
32"/800mm	ISL-C1-800	ISL-C5-800
34"/850mm	ISL-C1-850	ISL-C5-850
36"/900mm	ISL-C1-900	ISL-C5-900
38"/950mm	ISL-C1-950	ISL-C5-950
40"/1000mm	ISL-C1-1000	ISL-C5-1000

Effective length (L)	Part No.	
	Series ISL-C1	Series ISL-C5
43"/1100mm	ISL-C1-1100	ISL-C5-1100
48"/1200mm	ISL-C1-1200	ISL-C5-1200
52"/1300mm	ISL-C1-1300	ISL-C5-1300
56"/1400mm	ISL-C1-1400	ISL-C5-1400
60"/1500mm	ISL-C1-1500	ISL-C5-1500
64"/1600mm	ISL-C1-1600	ISL-C5-1600
68"/1700mm	ISL-C1-1700	ISL-C5-1700
72"/1800mm	ISL-C1-1800	ISL-C5-1800
76"/1900mm	ISL-C1-1900	ISL-C5-1900
80"/2000mm	ISL-C1-2000	ISL-C5-2000
84"/2100mm	ISL-C1-2100	ISL-C5-2100
88"/2200mm	ISL-C1-2200	ISL-C5-2200
92"/2300mm	ISL-C1-2300	ISL-C5-2300
96"/2400mm	ISL-C1-2400	ISL-C5-2400
100"/2500mm	ISL-C1-2500	ISL-C5-2500
104"/2600mm	ISL-C1-2600	ISL-C5-2600
108"/2700mm	ISL-C1-2700	ISL-C5-2700
112"/2800mm	ISL-C1-2800	ISL-C5-2800
116"/2900mm	ISL-C1-2900	ISL-C5-2900
120"/3000mm	ISL-C1-3000	ISL-C5-3000

SPECIFICATION

Part No.	Series ISL-C1	Series ISL-C5
L1 (inch)	L+1.18" (L<38"), L+1.97" (L≥38")	L+1.18" (L<38"), L+1.97" (L≥38")
L2 (inch)	L+5.35" (L<38"), L+5.35" (L≥38")	L+5.35" (L<38"), L+5.35" (L≥38")
L3 (inch)	L+6.06" (L<38"), L+6.85" (L≥38")	L+6.06" (L<37"), L+6.85" (L≥37")
Resolution	.00005"	.0002"
Thickness	1.14"	
Max. response speed	196ft/min	
Scale grating pitch	787µin	
Scale reference point pitch	1.97"	
Accuracy	±(197+5L)µin, L is the effective length in inch	
Cable length	140" (L: 2-38"), 200" (L: 40-76"), 400" (L: 80-120")	
Output signal	RS422	
Socket	9PD	
Power supply	5±0.25V	

STANDARD DELIVERY

Main unit	1 pc
'L' shape support	1 pc
Anti-dust cover	1 pc
Plain base	1 pc (for L≥60")
Mounting accessories	1 package