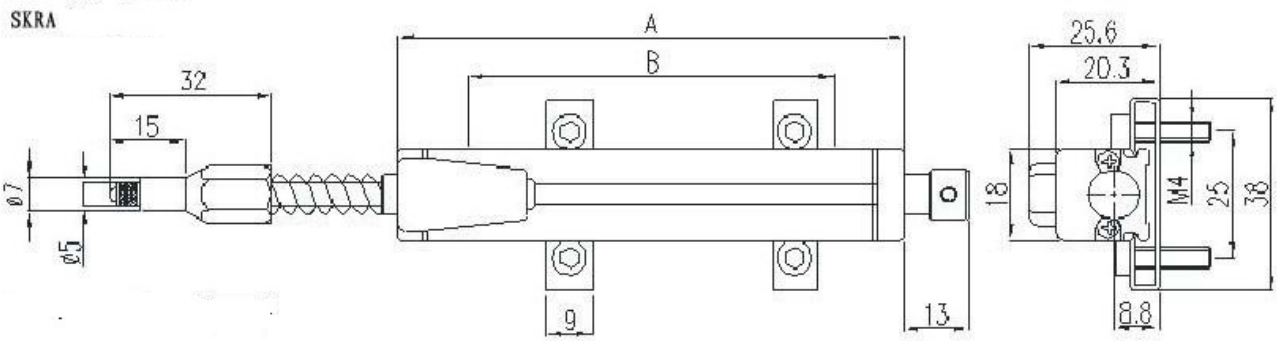
SKRA miniature self recovery series displacement sensor

Range 0-125mm

Product presentation:

SKRA miniature self recovery series, effective stroke 0- 125 mm, both ends have 2 mm buffer stroke, the accuracy of 0.25% ~ 0.08% FS. Shell surface anode processing, corrosion resistance, Built-in conductive plastic measuring unit, no Temperature stability, long life. With automatic electric grounding function. Seal grade for IP67, has a leading wires for power supply and signal output. It can be used in the most general situation, especially suitable for installation in the narrow space occasion; Top push rod is not installed, don't need to, pushing Angle 90 + 3 °, allowing the pusher limit movement speed for 5 m/s

Technical parameters:

SKRA series	mm	10	25	50	75	100	125
Mechanical stroke (M.T)	mm	Effective travel+3mm					
Resistance ±10%	kΩ	1.0		5.0			
Linear precision（± %FS）	± %	0.25		0.1		0.08	
Repeatability accuracy	mm	0.01					
Resolution		infinite					
Maximum works speed	m/s	5					
Suggest using current	mA	≤ 10					
Working voltage	VDC	5VDC		10 VDC		5 VDC or 10 VDC	
Output signal		0~5V		0~10V		0-5V、0-10V	
Using temperature range	℃	－ 60 ～ ＋ 150					
Dimensions A	mm	Effective travel+45mm					
Cabinet minister C		123	150	211	279	323	391
Mode of connection		Brown: power +, blue power -, black out					
Contour dimension	mm	18x18					

Mechanical size drawing