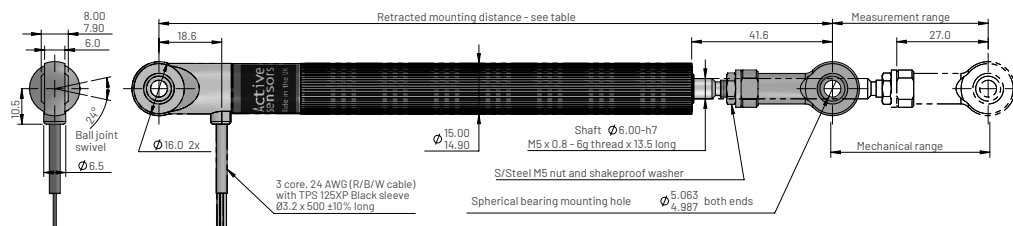


SLS1522-3 General Purpose Linear Potentiometers

5mm rod-end mounting, Robust 15mm body diameter, 75mm to 350mm measurement range

Active
sensors



Ordering information

SLS1522-3-XXX

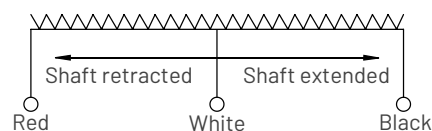
Measurement range in mm

Parameters	Values												Units
Measurement range (±0.5mm)	075	100	125	150	175	200	225	250	275	300	325	350	mm
Retracted mounting distance	199	224	249	274	299	324	349	374	399	424	449	474	mm
Resistance (typical)	3	4	5	6	7	8	9	10	11	12	13	14	Kohms
Non-linearity	<±0.15												%FS
Applied voltage	<66	<88	<110	<130									Vdc
Wiper load	>500			>600	>700	>800	>900	>1000	>1100	>1200	>1300	>1400	Kohms
Mechanical range (±0.5mm)	Measurement Range +2												mm
Shaft velocity	<10												m/s
Insulation resistance (at 500V DC.)	>100												Mohms
Operating temperature range	-30 to +125												°C
Sealing	IP65												-
Shaft operation force (typical)	200												grams
Weight (approx.)	106	116	126	136	146	156	166	176	186	196	206	216	grams
Materials	Case: Anodised aluminium 6063 T5, Shaft: Stainless steel 303												

Notes

1. SLS sensors should be used as voltage dividers only.
2. Incorrect wiring may cause internal damage to the sensor.
3. General dimension tolerance is ±0.25mm.

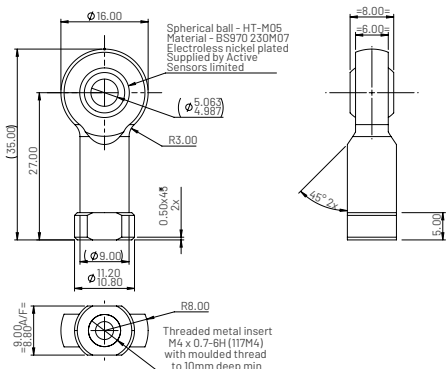
Electrical connections (see note 1, 2)



Accessories

5mm rod end

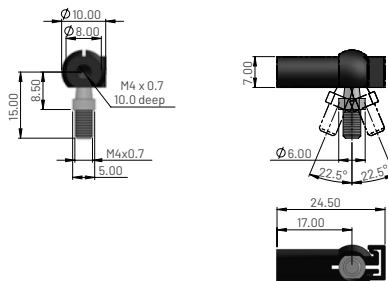
PT1322-3-0104



Material	
Housing	30% glass filled PBT (black)
Ball	Steel BS970 230M07, electroless nickel plated
Race	Gr nylon
Temperature rating: -35°C to +170°C	

Quick release ball joints

JN029-003



Material	
Body	PA66, black
Ball stud	Hardened carbon
Steel	Zinc plated, clear passivate
Temperature rating: -40°C to +80°C	