

LINEAR DISPLACEMENT TRANSDUCER - ROD STYLE -



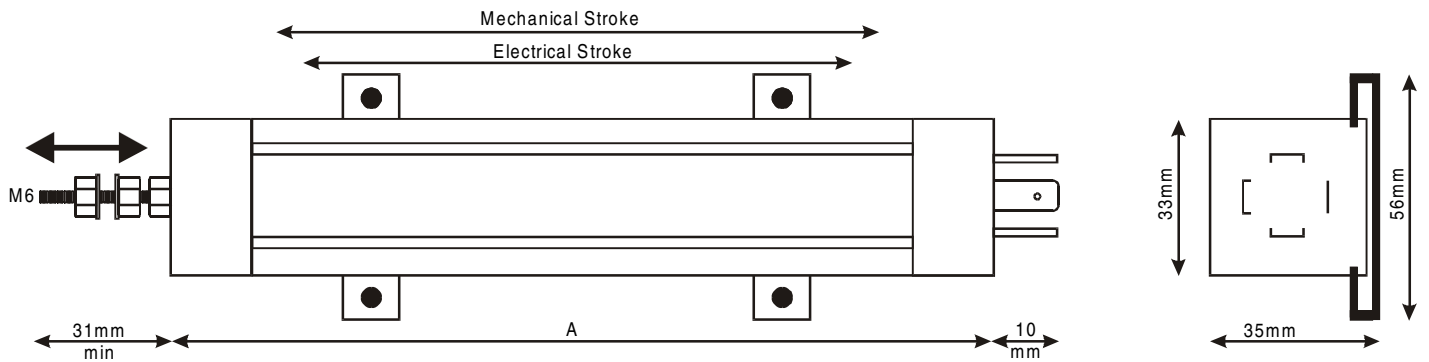
LVDT-R SERIES - ROD STYLE

FEATURES

- 50 to 900mm STROKE
- OUTPUT - 5kOHM, 10kOHM (above 600mm)
- LINEARITY +/-0.05%
- INFINITE RESOLUTION
- CONNECTOR - 4 PIN
- DISPLACEMENT SPEED - 5m/s
- MECHANICAL LINKAGE - M6 THREAD ON ROD
- OPERATING TEMP - 0 to 100°C
- IP60

OPTIONS

- BALL JOINT
- IP65
- CONNECTOR - 3,5 PIN



SPECIFICATIONS - LVDT-R

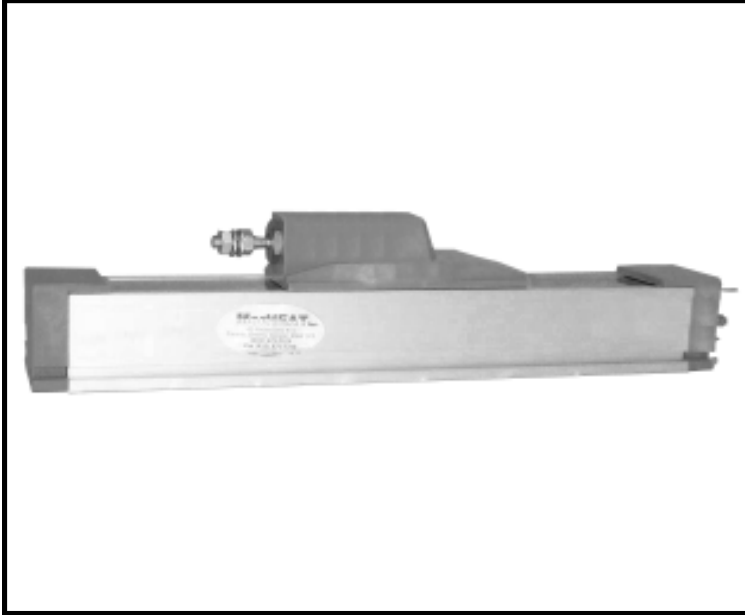
1. ELECTRICAL

RESISTANCE	5kOHM, 10kOHM above 600mm
LINEARITY	0.05%
RESOLUTION	INFINITE
MAX VOLTAGE	60V
DIELECTRIC	>100MOHM @ 500V

2. PHYSICAL

ELECTRICAL STROKE (mm)	50, 100, 130, 150, 175, 200, 225, 275, 300, 375, 400, 450, 500, 600, 750, 900
MECHANICAL STROKE	59, 109, 139, 159, 184, 210, 235, 285, 310, 386, 412, 463, 518, 619, 772, 924
MAX DISPLACE SPEED	5m/s
LIFE	>100x10 ⁶
CASE MATERIAL	ANODIZED ALUMINIUM, NYLON
CONTROL ROD	303 SS
MECH MOUNTING	M6, VARIABLE LENGTH BRACKETS
PROTECTION	IP60
WORKING TEMP	0-100degC

LINEAR DISPLACEMENT TRANSDUCER - RODLESS STYLE -



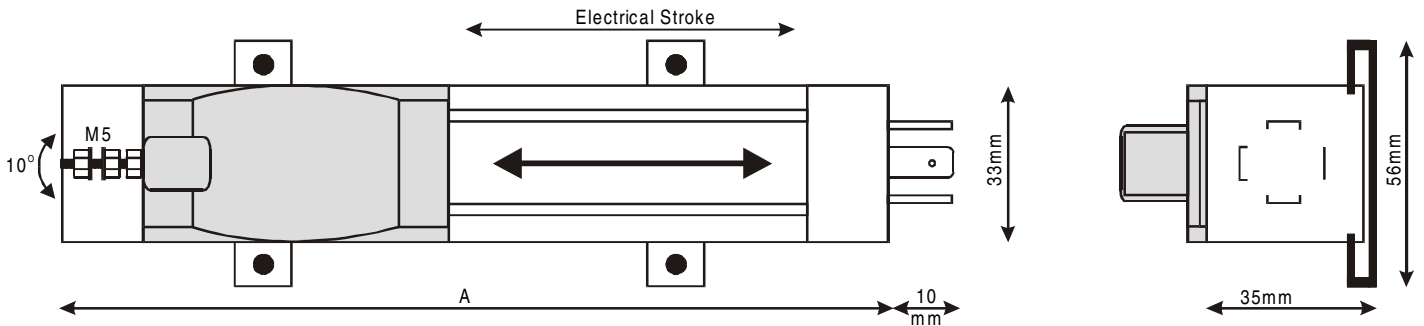
LVDT-NR SERIES - RODLESS

FEATURES

- 100 to 2000mm STROKE
- OUTPUT - 5kOHM, 10kOHM (400-1000mm),
20kOHM (1250 - 2000mm)
- LINEARITY +/-0.05%
- INFINITE RESOLUTION
- CONNECTOR - 4 PIN
- DISPLACEMENT SPEED - 4m/s
- OPERATING TEMP - 0 to 100°C
- IP60

OPTIONS

- IP67
- CONNECTOR - 3,5 PIN
- DISPLACEMENT SPEED - 10m/s



SPECIFICATIONS - LVDT-NR

1. ELECTRICAL

RESISTANCE	5kOHM, 10kOHM (400-1000mm) 20kOHM (1250-2000mm)
LINEARITY	0.05%
RESOLUTION	INFINITE
MAX VOLTAGE	60V
DIELECTRIC	>100MOHM @ 500V

2. PHYSICAL

ELECTRICAL STROKE (mm)	100, 130, 150, 200, 225, 300, 400, 450, 500 600, 750, 900, 1000, 1250, 1500, 1750, 2000
CASE LENGTH (mm)	113, 143, 163, 214, 239, 315, 416, 468, 519 621, 773, 925, 1027, 1281, 1531, 1781, 2031 463, 518, 619, 772, 924
MAX DISPLACE SPEED	4m/s
LIFE	>100x10 ⁶
CASE MATERIAL	ANODIZED ALUMINIUM, NYLON
MECH MOUNTING	M5 on BRACKET, VARIABLE LENGTH BRACKETS
PROTECTION	IP60
WORKING TEMP	0-100degC

LINEAR DISPLACEMENT TRANSDUCER - SELF LOADING IP65 -



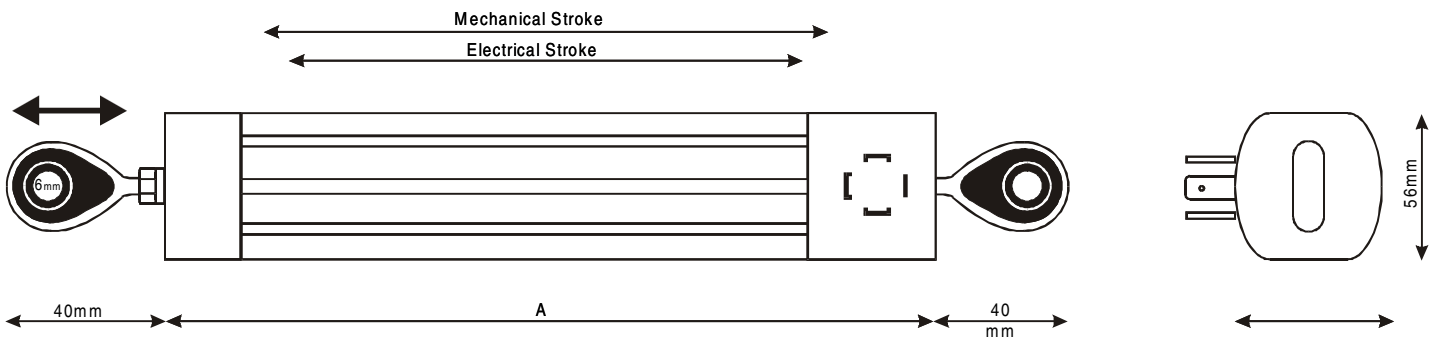
LVDT-S SERIES - SELFLOADING

FEATURES

- 50 to 750mm STROKE
- OUTPUT - 5kOHM, 10kOHM (750mm)
- LINEARITY +/-0.05%
- INFINITE RESOLUTION
- CONNECTOR - 4 PIN
- DISPLACEMENT SPEED - 5m/s
- MECHANICAL LINKAGE - BALL JOINTS
- OPERATING TEMP - 0 to 100°C
- IP65

OPTIONS

- CONNECTOR - 3,5 PIN



SPECIFICATIONS - LVDT-S

1. ELECTRICAL

RESISTANCE	5kOHM, 10kOHM (750mm)
LINEARITY	0.05%
RESOLUTION	INFINITE
MAX VOLTAGE	60V
DIELECTRIC	>100MOHM @ 500V

2. PHYSICAL

ELECTRICAL STROKE (mm)	50, 100, 130, 150, 175, 200, 225, 275, 300, 375, 400, 450, 500, 600, 750
TOTAL LENGTH	ELECTRICAL STROKE + 148mm
MAX DISPLACE SPEED	5m/s
LIFE	>100x10 ⁶
CASE MATERIAL	ANODIZED ALUMINIUM, NYLON
CONTROL ROD	303 SS
MECH MOUNTING	BALL JOINTS - SELF LOADING
PROTECTION	IP65
WORKING TEMP	0-100degC