



# LINEAR POSITION TRANSDUCER

## VMLS AUTOSPORT

### Main Features

Long life  
Standard mountings  
High Linearity  
Raychem cable  
Outstanding repeatability  
Excellent temperature range  
Elastomer damped wipers

Life expectancy	> 25 Million Cycles
Operational speed	10 m/s Max
Environmental sealing	'O' ring and felt shaft seal
Temperature range	-40 to +100°C
Cable type	Raychem 55, 24 AWG
Cable length	600mm (screened)
Repeatability	0.01mm
Maximum supply voltage	42VDC
Mechanical stroke	+1.5mm of electrical stroke

### Characteristics

VMLS	VMLS 25	VMLS 50	VMLS 75	VMLS 100	VMLS 150se	VMLS 150	VMLS 200	VMLS 250	VMLS 290
Electrical stroke	27mm	52mm	77mm	102mm	152mm	152mm	202mm	252mm	292mm
Retracted mounted distance +/- 2mm	173mm	198mm	223mm	248mm	273mm	298mm	351mm	401mm	464mm
Nominal resistance +/-20%	2.5K	5K	5K	5K	10K	10K	10K	10K	11.6K
Linearity	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

