



THE MULTIVARIABLE POSITION TRANSDUCERS



ANALOG
CURRENT · VOLTAGE · RATIOMETRIC

CANopen

IO-Link

FLEXIBILITY

PRODUCTIVITY

CONNECTIVITY

EFFICIENCY

MULTIVARIABLE

GEFRAN

BEYOND TECHNOLOGY

TWIST THE MULTIVARIABLE POSITION SENSOR



Firmware update



Customized firmware

POSITION
& TILT



MULTIVARIABLE



Real-time absolute position



Real-time & max speed



Real-time acceleration



Tilt angle x, y, z



Real-time & Max sensor temperature



Working time



Km cursor travel

THE ONLY HALL EFFECT TECHNOLOGY WITH HELIX MAGNET

LS-A ANALOG <small>CURRENT - VOLTAGE - RATIO-METRIC*</small>	LM-C CANopen	LM-L IO-Link
Single output – FULL-Redundant*	Multivariable – HALF-Redundant	
Position	Position, speed, acceleration, tilt angle x,y,z, temperature	
STROKES RANGE: 50-1000MM	STROKES RANGE: 100-1000MM	
LINEARITY: $\leq \pm 0,15\%$ F.S. REPEATABILITY: $\pm 0,1\%$ F.S.	LINEARITY: $\leq \pm 0,15\%$ F.S. REPEATABILITY: $\pm 0,05\%$ F.S.	



ENVIROMENTAL PROTECTION

IP69K



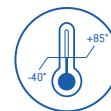
SHOCK

40g -11 ms - single shock
DIN IEC68T2-27



VIBRATIONS

12g/10...2000HZ
DIN IEC68T2-6



TEMPERATURE RANGE

-40 /+85 C



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