



THE MULTIVARIABLE POSITION TRANSDUCERS



ANALOG
CURRENT • VOLTAGE • RATIO-METRIC

CANopen®

 **IO-Link**

FLEXIBILITY

PRODUCTIVITY

CONNECTIVITY

EFFICIENCY

MULTIVARIABLE

GEFRAN
BEYOND TECHNOLOGY

TWIST THE MULTIVARIABLE POSITION SENSOR

4.0
READY



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 CURRENT - VOLTAGE - RATIO-METRIC*	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: 50-900MM	STROKES RANGE: 100-900MM	
LINEARITY: <= ± 0,15% F.S. REPEATABILITY: ± 0,05% F.S		



ENVIROMENTAL
PROTECTION

IP67



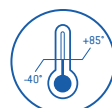
SHOCK

100g - 11 ms - single shock
DIN IEC68T2-27



VIBRATIONS

20g/ 10....2000HZ
DIN IEC68T2-6



TEMPERATURE RANGE

-40 / +85 C



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