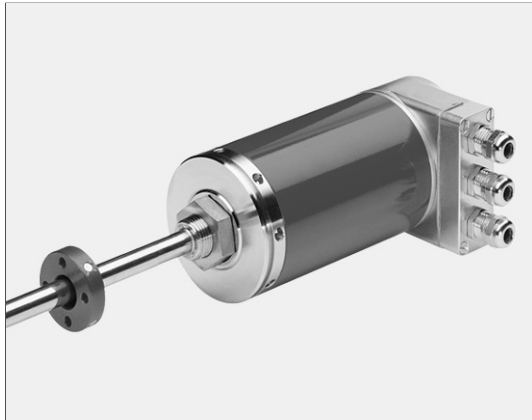


Linear-Encoder LA-66-K LWL



- **High Pressure Type, Makes it Possible for Installation into Hydraulic Cylinders**
- **For Linear Measurement**
- **Non Contact and Wear Free**
- **Programmable via LWL-Ring**
- **LWL Fiber Optic Interface**

Electrical Data

Measurement Principle	Magnetostrictive
Measuring Length (Stroke) Standard (mm)	150, 300, 500, 700, 750, 1000, 1500, 2000, 2500, 3000
	> 3000 by request
Sensor Capacity	max. 20 Bit
* Resolution	max. 0.01 mm
Operating Voltage.....	19-27 V DC
Power Dissipation (No Load)	< 6 Watt
Programmable via LWL-Ring.....	in connection with
	<ul style="list-style-type: none"> • PC Compatible Central-Module • SIMATIC-S5 Compatible Central-Module • VMEbus • SMP-Bus Upon Request
Transmission Media LWL	Plastic ("APF" - All Plastic Fiber) or Glass ("PCS" - Plastic Coated Silicon)
Maximum Cable Length between two points	600 m with Glass Cable, 45 m with plastic cable (Radius • 30 mm)
Output Code	Binary
Baud Rate.....	2,5 Mbaud in fiber optic ring
Maximum Points	max. 254
Programmable Parameters	
Count Direction	
Number of Counts per Length	
Preset Value	
Adjust Absolute Value	

Environmental Data

Electromagnetic compatibility (EMC)	EN 61000-4-2 (IEC-801-2) / EN 61000-4-4 (IEC-801-4)
Operating Temperature.....	0°-70°C (32° to 158° F) (Optional -20° to +70°C) (-4° to 158° F)
Storage Temperature.....	-30° to +80°C (-22° to 178° F)
Relative Humidity	98 % (non condensing)
*Protection Class	IP 65 (DIN 40 050)
* The protection class of the sensor can be effected by the type of cable used.	

