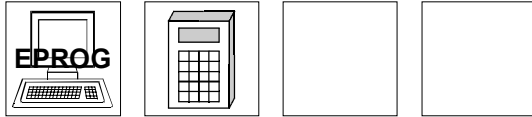


Linear-Encoder LA-66-K ISI



- **High Pressure Type, Makes it Possible for Installation into Hydraulic Cylinders**
- **For Linear Measurement**
- **Non Contact and Wear Free**
- **Programmable and Scaleable [Click here](#)**
- **ISI (Incremental Serial Interface)**

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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)	< 5 Watt
Programmable via RS485.....	IBM PC Compatible EPROG Software, PT-100N Programming Terminal
Inputs	
* Load Input	Request for Encoder Position
* Preset	adjust absolute position to a given set value (e. zero set)
* Logic Levels	"0" < 4.7 VDC, "1" > 8 VDC, max. 30 VDC
Output Options	Push-Pull (15 mA) or RS422
* Load Output	Verification of Load Request
Channel 1	A
Channel 1 neg.	A neg.
Channel 2	B
Channel 2 neg.	B neg.
Operating Speed.....	max. 1m/s at a resolution of 0,01 mm
Cycle Time.....	See Dimensional Drawing
Pin Configuration	Upon Request
*Programmable Parameters	

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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 connector used.	

