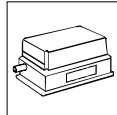


Incremental-Encoder ZI-58-S



- **Programmable**
- **Universal Applications**
- **Number of Pulses per Revolution 1 to 16 384**
- **Special output "Overspeed"**
- ¹⁾ **Set Z, Z neg.**
- **Small Compact Design**

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Electrical Data

Supply Voltage.....	11-27 V DC
Power Dissipation (No Load)	< 4 Watt
Programmable via RS485.....	PC IBM compatible EPROG Software
Output (11-27 V).....	Push-Pull
Maximum Current.....	max 30 mA
Incremental Signal.....	A, A neg., B, B neg.
Marker Pulse	Z, Z neg., 1 pulse per revolution
Maximum Output Frequency	160 kHz ±15°
Output (5 V).....	Line Driver
Maximum Current.....	max 50 mA
Incremental Signal.....	A, A neg., B, B neg.
Marker Pulse	Z, Z neg., 1 pulse per revolution
Maximum Output Frequency	300 kHz ±15°
Option	500 kHz
* Pulses per Revolution.....	1 to 16 384
Inputs	
¹⁾ * Preset	Set Z, Z neg.
Logic Levels	"0" < + 2 V DC, "1" > + 8 V DC, max. 30 V DC
Outputs	
* Overspeed	the switching output is set if the programmed rotation speed is exceeded
* Programmable Parameters	
¹⁾ Adjustment of the mechanical position of the zero impulse Z, Z neg. is programmable as desired (electrical)	

Environmental Data

Electromagnetic compatibility (EMC)	EN 61000-4-2 (IEC-801-2) / EN 61000-4-4 (IEC-801 -4)
Operating Temperature.....	-20 to +70°C
Storage temperature range	-30 to +80°C
Relative Humidity	98 % (non condensing)
* Protection Class	IP 65 (DIN 40 050)
* The protection class of the encoder can be effected by the type of connector used.	

