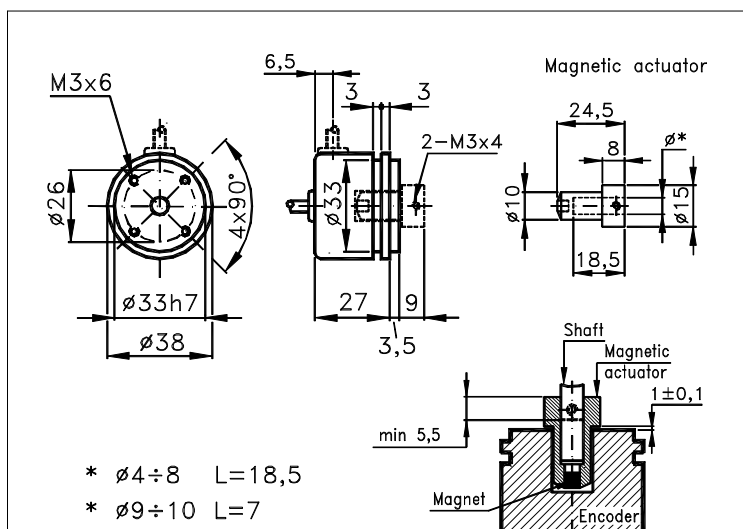


**MAGNETIC
ABSOLUTE
ENCODER
M338SNC**

Miniature absolute singleturn magnetic encoder without contact between the rotating shaft and the body of the transducer. Characterized by a high rotation speed (30000 rpm). Fit for industrial applications like marine, medical, printing, metal working, industrial automation and instrumentation.

Famiglia: **M**
page: 03.M338SNC 1/2
data sheet IR 031 E00

Measures without tolerance according to UNI ISO 2768-mk



TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

- Output codes.....: Binary
- Max pulses/rev.....: 8192 (13 bits)
- Power supply Vcc.....: $5 \pm 5\%$, $5 \div 30$, $10 \div 30$
- Max consumption.....: 35 mA
- Max frequency.....: 500 kHz
- Operating temperature.: $-25 \div +85^\circ \text{C}$
- Storage temperature...: $-25 \div +125^\circ \text{C}$

- Up/down commutation...: No
- Mechanical zero search: No
- Output stages.....:

- Pre output interface...: (S) Serial SSI.

- Connections Radial R : CV

For the description of connections see 'ORDERING CODE' on page 2.

- Base.....: Alluminium
- Cover.....: Alluminium
- Weight.....: 180 g
- Shaft.....: Hollow (with magnet) (*)
- Max.rad/axial load....: -
- IP output side.....: see 'CONNECTIONS' on page 2
- IP shaft side.....: std.67 sealed - low torq.-
- Contin. max RPM...(**): 30000 - -
- Starting torque.. gcm..
- Impact resistance.....: 100 G (6 ms)
- Vibration resistance...: 12 G ($10 \div 2000$ Hz)
- (S) - Ball bearings life....: $1,5 \times 10^9$ revolutions
(@ 1000 rev/m with load of 1/4 maximum allowed)

(*) Custom options

(**) Intermittent max RPM + 30% of continuous max RPM

POSSIBLE OPTIONS

CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION
		X	Custom options		

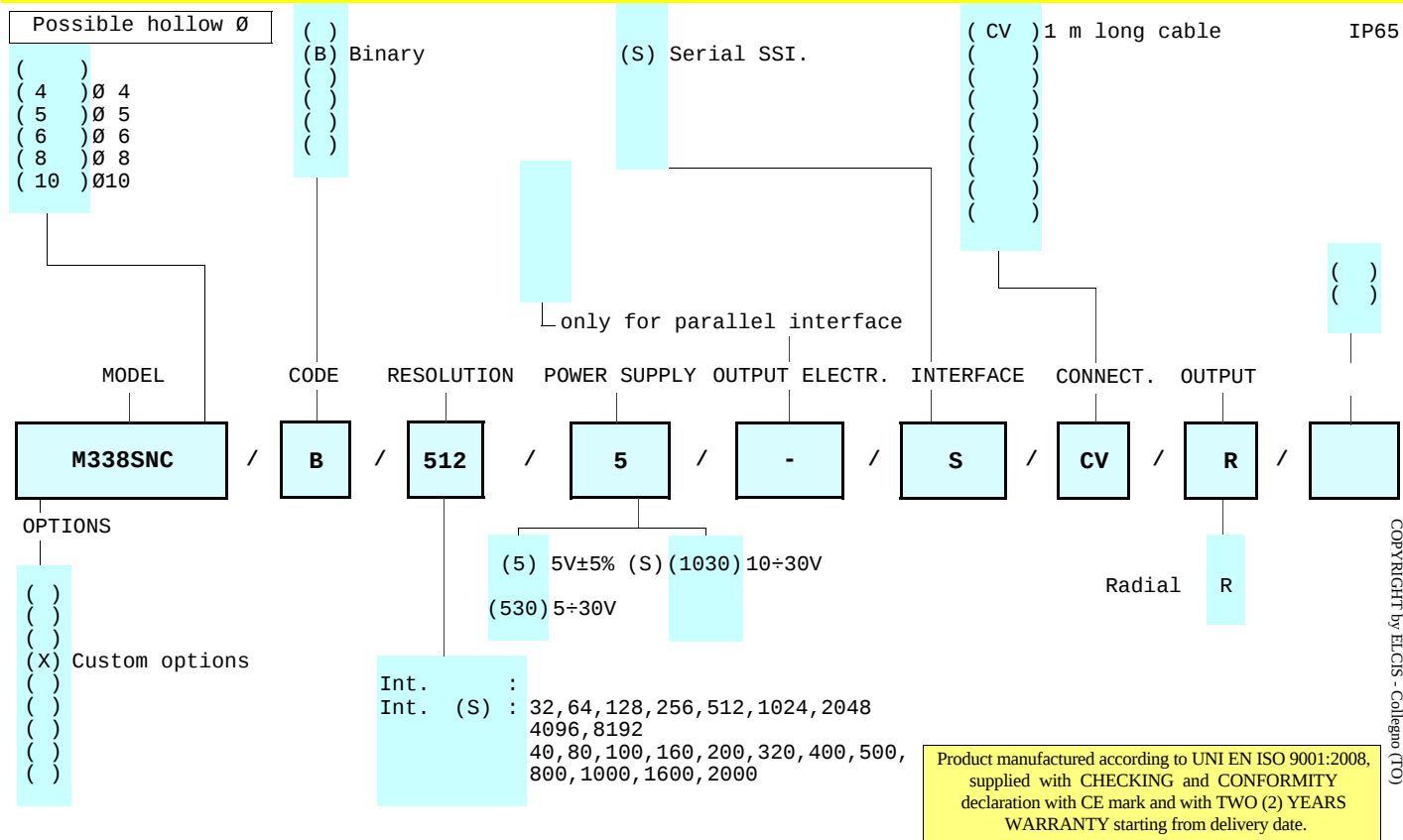


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ELECTRONIC OUTPUT	INTERFACE	PARALLEL OPTIONS
»	»	»
»		»
»	» (S) Serial SSI. The data output (available only with natural Binary code) is controlled by an external clock. The angular position's value is first stored into the encoder and then transmitted outside starting from the MSB. The standard of transmission is RS422.	»
»	»	»
»	»	»

ORDERING CODE



ELCIS company has the right to make any changing without previous notice.

data sheet IR 031 E00 page: 03.M338SNC 2/2



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