

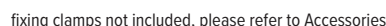
MAIN FEATURES

Miniaturised multiturn absolute encoder for applications with limited space.

- Non-contact proprietary magnetic sensing technology (ASIC + energy harvesting)
- Up to 58 bit as total resolution (18 bit singleturn + 40 bit multiturn)
- Power supply up to +30 V DC with SSI as electrical interface
- Code reset for easy setup
- Cable or M12 output, other connectors available at cable end
- 6 mm diameter solid shaft
- Mounting by synchronous flange



| ORDERING CODE | EAM | 36B | 12 | / | 13 | G | 8/30 | S | P | X | 6 | X | 8 | M12R | .162 | +XXX |
|--|-----|-----|----|---|----|---|------|---|---|---|---|---|---|------|------|------|
| SERIES magnetic multiturn absolute encoder EAM | | | | | | | | | | | | | | | | |
| MODEL synchronous flange ø 33 mm 36B | | | | | | | | | | | | | | | | |
| MULTITURN RESOLUTION turns from 1 to 17 bit | | | | | | | | | | | | | | | | |
| SINGLETURN RESOLUTION from 1 to 18 bit | | | | | | | | | | | | | | | | |
| CODE TYPE binary B gray G | | | | | | | | | | | | | | | | |
| POWER SUPPLY 5 V DC 5 8 ... 30 V DC 8/30 | | | | | | | | | | | | | | | | |
| ELECTRICAL INTERFACE Serial Synchronous Interface - SSI S | | | | | | | | | | | | | | | | |
| LOGIC positive P | | | | | | | | | | | | | | | | |
| OPTIONS to be reported if not used X reset with external input ZE | | | | | | | | | | | | | | | | |
| SHAFT DIAMETER mm 6 | | | | | | | | | | | | | | | | |
| ENCLOSURE RATING IP 67 cover side / IP 65 shaft side X | | | | | | | | | | | | | | | | |
| MAX ROTATION SPEED 8000 rpm 8 | | | | | | | | | | | | | | | | |
| OUTPUT TYPE radial cable (standard length 0,5 m) PR preferred cable lengths 1,5 / 2 / 3 / 5 / 10 m, to be added after OUTPUT TYPE (eg. PR5) 8 pin M12 radial plug connector M12R | | | | | | | | | | | | | | | | |
| SOCKET socket not included .162 to be reported only with connector output (eg. M12R.162), for socket see Accessories | | | | | | | | | | | | | | | | |
| VARIANT custom version XXX | | | | | | | | | | | | | | | | |



CONNECTIONS

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