series

128





| ENVIRONMENTAL SPECIFICATIONS |  |  |
|------------------------------|--|--|
| Shock:                       | 100 g, 6 ms (acc. to MIL STD 202F)     |  |
| Vibrations:                  | 10 g, 5-2000 Hz (acc. to MIL STD 202F) |  |
| Operating temperature range: | -20°C +70°C (-4°F +158°F)              |  |
| Storage temperature range:   | -20°C +80°C (-4°F +176°F)              |  |
|                              | (98% R.H.without condensation)         |  |
| Protection:                  | IP54                                   |  |

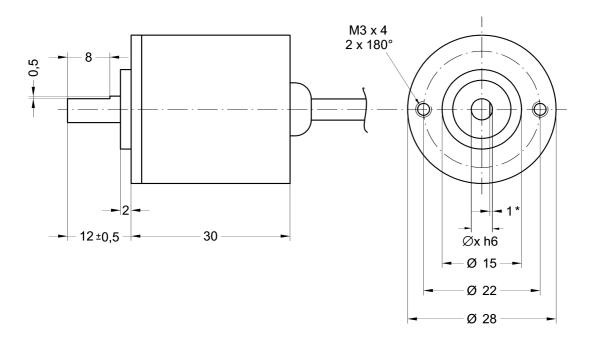
| MECHANICAL SPECIFICATIONS         |                     |
|-----------------------------------|---------------------|
| Dimensions:                       | see drawing         |
| Shaft:                            | Ø 4, 5 mm           |
| Shaft loading (axial and radial): | 20 N max.           |
| Shaft rotational speed:           | 3000 rpm max.       |
| Starting torque at 20°C:          | ≤ 0,3 Ncm (typical) |
| Moment of inertia:                | ~10 gcm²            |
| Bearings life:                    | 10° rev. min.       |
| Weight:                           | ~ 0,1 kg (3,5 oz)   |

|  | ELECTRICAL SPECIFICATIONS                          |
|--|--|
| STD pulse rate (other PPR upon request): | 100-200-250-360-500-1024                           |
| Power supply:                            | +5V±5%, +10V +30V,+5V +30V                         |
| Output circuits:                         | Push-Pull, Line Driver, PP/LD                      |
| Output current (per channel):            | 40 mA max.   |
| Output frequency:                        | 30 kHz max.  |
| Input current:                           | 50 mA max.   |
| Protection:                              | against inversion of polarity (except +5V version) |
| Optoelectronic life:                     | 100.000 hrs min.                                   |
| Option:                                  | • Output frequency up to 100 kHz max.              |

|               | MATERIALS                     |
|---------------|-------------------------------|
| Flange:       | non corroding                 |
| Housing:      | non corroding                 |
| Bearings:     | ABEC 5                        |
| Shaft:        | stainless steel, non-magnetic |
| Light source: | GaAl diodes                   |

| ELECTRICAL CONNECTIONS |       |  |  |
|------------------------|-------|--|--|
| 8 wires cable          |       |  |  |
| red-black              | А     |  |  |
| blue                   | /A    |  |  |
| green                  | В     |  |  |
| orange                 | /B    |  |  |
| white                  | 0     |  |  |
| white-black            | /0    |  |  |
| red                    | +Vdc  |  |  |
| black                  | 0 Vdc |  |  |

| ACCESSORIES |                    |
|-------------|--------------------|
| PAN/PGF:    | flexible couplings |



ADDITIONAL CODE (indicate only if necessary)

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