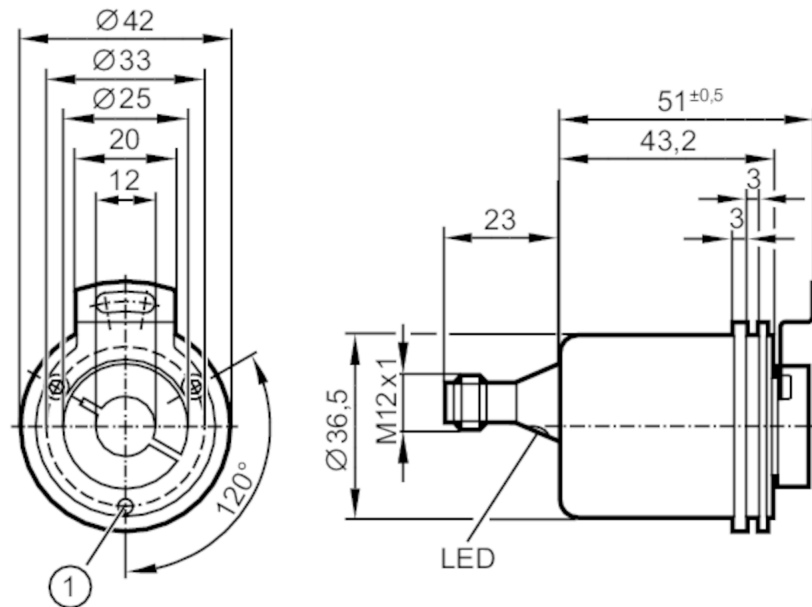


# RM8007



## Encoder multiturn absolut dengan poros berongga

RMS0024-C24/UST



1 M3 x 6



### Karakteristik produk

|                      |                                     |
|----------------------|-------------------------------------|
| Resolusi             | 4096 langkah; 4096 putaran; 24 bit  |
| Interface komunikasi | CAN                                 |
| Desain poros         | poros berongga terbuka ke satu sisi |
| Diameter poros [mm]  | 12                                  |

### Aplikasi

|                |           |
|----------------|-----------|
| Prinsip fungsi | absolut   |
| Tipe putaran   | multiturn |

### Data kelistrikan

|                              |                                             |
|------------------------------|---------------------------------------------|
| Tegangan pengoperasian [V]   | 9...30 DC; ("kelas suplai 2" menurut cULus) |
| Konsumsi arus [mA]           | < 100; ((10 V DC) ; ≤ 50 (24 V DC))         |
| Kelas perlindungan           | III                                         |
| Pelindung polaritas terbalik | ya                                          |

### Output

|                          |        |
|--------------------------|--------|
| Pelindung hubung singkat | ya     |
| Kode                     | binari |

### Rentang pengukuran/pengaturan

|          |                                    |
|----------|------------------------------------|
| Resolusi | 4096 langkah; 4096 putaran; 24 bit |
|----------|------------------------------------|

### Akurasi/deviasi

|             |      |
|-------------|------|
| Akurasi [°] | 0.25 |
|-------------|------|

### Software/pemrograman

|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| Opsi pengaturan parameter | Parameter CAN; penskalaan; preset; Baud rate; arah putaran; Node ID |
|---------------------------|---------------------------------------------------------------------|



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| Interface                                 |                     |                                                         |
|-------------------------------------------|---------------------|---------------------------------------------------------|
| Interface komunikasi                      |                     | CAN                                                     |
| CAN                                       |                     |                                                         |
| Protokol                                  |                     | CANopen                                                 |
| Pengaturan pabrik                         |                     | Baud rate: 250 kBit/s                                   |
|                                           |                     | ID node: 5                                              |
| Versi                                     |                     | DSP - 406 V3.1; DS 301 V4.02; DS 306 V2.0               |
| Kondisi pengoperasian                     |                     |                                                         |
| Suhu sekitar                              | [°C]                | -40...85                                                |
| Kelembapan udara relatif maks.            | [%]                 | 98                                                      |
| Perlindungan                              |                     | IP 65; (pada casing: IP 65; pada poros: IP 64)          |
| Pengujian/persetujuan                     |                     |                                                         |
| Tahan guncangan                           |                     | < 300 g (6 ms)                                          |
| Ketahanan terhadap getaran                |                     | 30 g (10...1000 Hz)                                     |
| MTTF                                      | [ANN]               | 240                                                     |
| Data teknis                               |                     |                                                         |
| Berat                                     | [g]                 | 228                                                     |
| Dimensi                                   | [mm]                | Ø 36.5 / L = 74                                         |
| Material                                  |                     | flensa: aluminium; penutup casing: baja dilapisi serbuk |
| Putaran maks., mekanis                    | [U/min]             | 6000                                                    |
| Torsi awal maks.                          | [Nm]                | 3                                                       |
| Torsi suhu referensi                      | [°C]                | 25                                                      |
| Desain poros                              |                     | poros berongga terbuka ke satu sisi                     |
| Diameter poros                            | [mm]                | 12                                                      |
| Material poros                            |                     | baja                                                    |
| Beban poros aksial maks. (di ujung poros) | [N]                 | 40                                                      |
| Beban poros radial maks. (di ujung poros) | [N]                 | 110                                                     |
| Flensa pemasangan                         |                     | Ø 36.5 mm                                               |
| Elemen display/pengoperasian              |                     |                                                         |
| Display                                   | Preoperational Mode | LED, hijau                                              |
|                                           | Operational Mode    | LED, hijau berkedip                                     |
|                                           | pesan kesalahan     | LED, merah berkedip                                     |



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### Koneksi listrik

Konektor: 1 x M12, aksial; pengkodean: A



|   |          |
|---|----------|
| 1 | CAN_GND  |
| 2 | VBBc     |
| 3 | GND (PE) |
| 4 | CAN_High |
| 5 | CAN_Low  |