

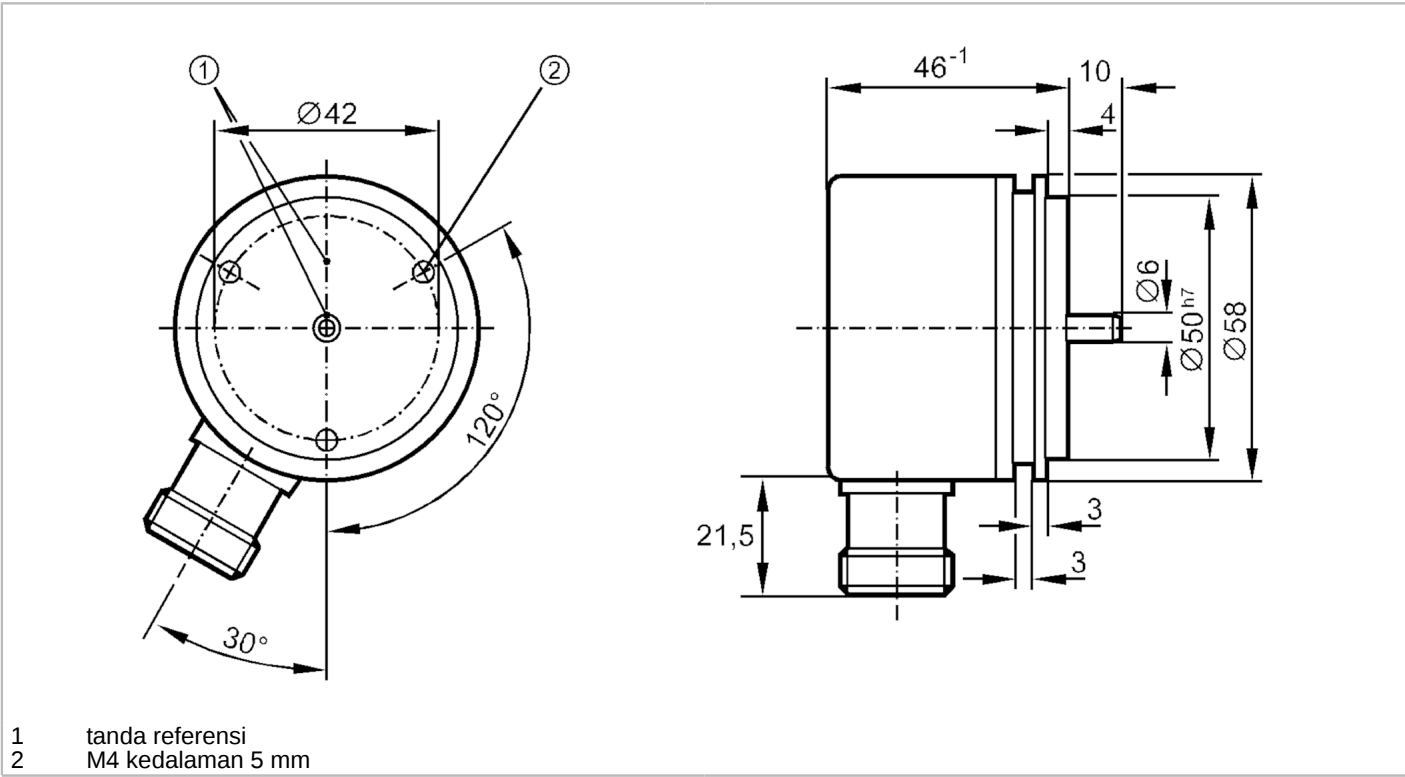
# RU1160



## Encoder inkremental dengan poros solid

RU-2000-I05/S

Produk tidak tersedia - entri arsip



### Karakteristik produk

|                     |               |
|---------------------|---------------|
| Resolusi            | 2000 resolusi |
| Desain poros        | poros solid   |
| Diameter poros [mm] | 6             |

### Data kelistrikan

|                                      |      |
|--------------------------------------|------|
| Toleransi tegangan pengoperasian [%] | 10   |
| Tegangan pengoperasian [V]           | 5 DC |
| Konsumsi arus [mA]                   | 150  |

### Output

|                                  |     |
|----------------------------------|-----|
| Desain kelistrikan               | TTL |
| Beban arus maks. per output [mA] | 20  |
| Frekuensi peralihan [kHz]        | 300 |
| Perbedaan fase A dan B [°]       | 90  |

### Rentang pengukuran/pengaturan

|          |               |
|----------|---------------|
| Resolusi | 2000 resolusi |
|----------|---------------|

### Kondisi pengoperasian

|                                    |           |
|------------------------------------|-----------|
| Suhu sekitar [°C]                  | -20...100 |
| Suhu penyimpanan [°C]              | -30...100 |
| Kelembapan udara relatif maks. [%] | 98        |



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RU-2000-I05/S

|              |       |
|--------------|-------|
| Perlindungan | IP 64 |
|--------------|-------|

### Pengujian/persetujuan

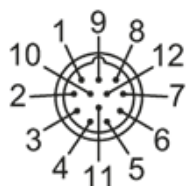
|                            |                     |
|----------------------------|---------------------|
| Tahan guncangan            | 100 g (6 ms)        |
| Ketahanan terhadap getaran | 15 g (55...2000 Hz) |

### Data teknis

|                                           |         |                     |
|-------------------------------------------|---------|---------------------|
| Dimensi                                   | [mm]    | Ø 58 / L = 56       |
| Material                                  |         | aluminium           |
| Putaran maks., mekanis                    | [U/min] | 12000               |
| Torsi awal maks.                          | [Nm]    | 1                   |
| Torsi suhu referensi                      | [°C]    | 20                  |
| Desain poros                              |         | poros solid         |
| Diameter poros                            | [mm]    | 6                   |
| Material poros                            |         | baja (1.4104)       |
| Beban poros aksial maks. (di ujung poros) | [N]     | 10                  |
| Beban poros radial maks. (di ujung poros) | [N]     | 20                  |
| Flensa pemasangan                         |         | flensa sinkronisasi |

### Koneksi listrik

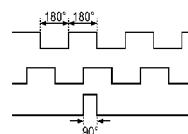
Konektor: 1 x M23 (ifm 1001.4), radial



|              |                   |
|--------------|-------------------|
| coklat       | A                 |
| hijau        | A dibalik         |
| abu-abu      | B                 |
| merah muda   | B dibalik         |
| merah        | indeks 0          |
| hitam        | indeks 0 dibalik  |
| biru         | L+ sensor         |
| putih        | 0V sensor         |
| coklat/hijau | L+ (Up)           |
| putih/hijau  | 0V (Un)           |
| ungu         | kegagalan dibalik |
| penutup      | casing            |

### Diagram dan grafik

Diagram pulsa



arah putaran searah jarum jam (menghadap poros)