

### Universal, Type 580X (Shaft) / 582X (Hollow shaft)

Order code hollow shaft version:

8.582X.XXXX.XXXX

#### Type

- 20 = Standard
- 23 = High temperature
- 24 = Sine wave
- 25 = High resolution
- 26 = Stainless steel

#### Flange

- 1 = Flange for through shaft
- 2\* = Flange for blind hollow shaft\*
- 3\* = Flange for through shaft and stator coupling**
- 4\* = Flange for blind hollow shaft and stator coupling  
length of drive shaft ≤ 30 mm

\*not for type 5826

#### Hollow shaft\*\*

- 1 = ø 6 mm without seal
- 2 = ø 6 mm with seal**
- 3 = ø 8 mm without seal
- 4 = ø 8 mm with seal
- 5 = ø 10 mm without seal
- 6 = ø 10 mm with seal**
- 7 = ø 12 mm without seal
- 8 = ø 12 mm with seal**

For type 5826 only versions  
6 and 8 are possible

*Preferred types are indicated in bold*

#### Pulse rate

- 25, 50, 60, 100, 125, 200, 250, 256, 300, 360, 500, 512, 600, 720, 800, 1000, 1024, 1200, 1250, 1500, 2000, 2048, 2500, 3000, 3600, 4000, 4096, 5000

**Type 5825:** 6000, 7200, 8000, 8192,

9000, 10000, 18000, 36000

(e.g. 250 pulses => 0250)

Other pulse rates available on request

#### Type of connection

1 = Cable radial (1 m PVC-cable)

**2<sup>1)</sup> = radial 12pin plug without mating connector**

<sup>1)</sup> hot for type 5826

#### Type of connection and supply voltage

##### Type 5820 and 5826

**1 = RS 422 (with inverted signal) 5 V supply voltage**

2 = Push-pull (without inverted signal) 10 ... 30V supply voltage

**3 = Push-pull (with inverted signal) 10 ... 30V supply voltage**

4 = RS 422 (with inverted signal) 10 ... 30 V supply voltage

5 = Push-pull (without inverted signal) 5 ... 30 V supply voltage

6 = Push-pull (with inverted signal) 5 ... 30 V supply voltage

**7 = RS 422 (with inverted signal) 5 ... 30 V supply voltage**

C\* = Push-pull (7272 with inverted signal) 5 ... 30 V supply voltage

\* For Type 5826 not available

##### Type 5823 and 5825

**1 = RS 422 (with inverted signal) 5 V supply voltage**

2 = Push-pull (without inverted signal) 10 ... 30V supply voltage

**3 = Push-pull (with inverted signal) 10 ... 30V supply voltage**

4 = RS 422 (with inverted signal) 10 ... 30 V supply voltage

##### Type 5824

1 = Sine, 1 Vpp (with inverted signal) 5 V supply voltage

2 = Sine, 1 Vpp (with inverted signal) 10 ... 30 V supply voltage

## Accessories

Corresponding mating connector to

Type of connection 2,

12 pin: Order No. 8.0000.5012.0000

pin assignment cw

- Cables and connectors, also pre-assembled, can be found in the chapter Counting Technology
- Mounting attachments and couplings can be found in the Chapter Accessories

## Mounting kit for hollow shaft encoder ø 58 mm:

Various mounting variations can be supplied

Delivery includes:

1 x parallel pin with thread  
Order No. 8.0010.4700.0000

1 x mounting flanges  
Order No. T.035.009

Screw M3x5  
Order No N.630.305

1 x long torque support slot  
Order No. T.051.672

Complete set:

Order No. 8.0010.4600.0000

### Stator coupling two wings

- For highly dynamic applications

Includes:

- 1x coupling two wings
- 2x 2 screws

### Complete set:

Order No. 8.0010.4D00.0000

### Tether arm short

Order No. 8.0010.4R00.0000