

Incremental encoders

Standard optical

Sendix 5000 / 5020 (shaft / hollow shaft)

Push-pull / RS422 / Open collector

Order code Hollow shaft

8.5020 . **XXXXXX** . **XXXX**
 Type **a** **b** **c** **d** **e**

We offer for all encoders configured with the underlined preferential options our free of charge 24one delivery promise.

24one

Orders placed on working days before 9AM CET are manufactured and ready for dispatch the same day. The 24one delivery promise is limited to 20 pieces per delivery.

a Flange

- 1 = with spring element, long, IP66/IP67**
 - 2 = with spring element, long, IP65**
 - 3 = with torque stop, long, IP66/IP67**
 - 4 = with torque stop, long, IP65**
 - 7 = with stator coupling, IP66/IP67 \varnothing 65 mm [2.56"]**
 - 8 = with stator coupling, IP65 \varnothing 65 mm [2.56"]**
 - C = with stator coupling, IP66/IP67 \varnothing 63 mm [2.48"]**
 - D = with stator coupling, IP65 \varnothing 63 mm [2.48"]**
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- 5 = with stator coupling, IP66/IP67 \varnothing 57.2 mm [2.25"] ¹⁾
 - 6 = with stator coupling, IP65 \varnothing 57.2 mm [2.25"] ¹⁾

b Through hollow shaft

- 1 = \varnothing 6 mm [0.24"]
- 2 = \varnothing 1/4"
- 9 = \varnothing 8 mm [0.32"]**
- 4 = \varnothing 3/8"
- 3 = \varnothing 10 mm [0.39"]**
- 5 = \varnothing 12 mm [0.47"]**
- 6 = \varnothing 1/2"
- A = \varnothing 14 mm [0.55"]
- 8 = \varnothing 15 mm [0.59"]**
- 7 = \varnothing 5/8"

c Output circuit / power supply

- 4 = RS422 (with inverted signal) / 5 V DC**
 - 1 = RS422 (with inverted signal) / 5 ... 30 V DC**
 - 2 = push-pull (7272 compatible with inverted signal) / 5 ... 30 V DC**
 - 5 = push-pull (with inverted signal) / 10 ... 30 V DC**
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- 3 = open collector (with inverted signal) / 5 ... 30 V DC ¹⁾**
 - 8 = push-pull (7272 compatible with inverted signal), without capacitor / 5 ... 30 V DC ^{1) 2)}

d Type of connection – cable

- 1 = radial cable, 1 m [3.28'] PVC**
- A = radial cable, special length PVC *)
- E = tangential cable, 1 m [3.28'] PVC**
- F = tangential cable, special length PVC *)

Type of connection – connector

- R = radial M12 connector, 5-pin ³⁾
- 2 = radial M12 connector, 8-pin**
- 4 = radial M23 connector, 12-pin**
- 6 = radial MIL connector, 7-pin
- 7 = radial MIL connector, 10-pin**

Type of connection – connector with cable

- H = tangential cable, 0.3 m [0.98'] PVC, incl. M12 connector, 8-pin for central fastening
- L = tangential cable with M12 connector, 8-pin, special length PVC *)
- M = tangential cable with M23 connector, 12-pin, special length PVC *)
- N = tangential cable with Sub-D connector, 9-pin, special length PVC *)

*) Available special lengths (connection types A, F, L, M, N):
 0.3, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20 m [0.98, 1.64, 3.28, 6.56, 9.84, 13.12, 16.40, 19.69, 26.25, 32.80, 39.37, 49.21, 65.62']
 order code expansion .XXXX = length in dm
 ex.: 8.5020.234A.1024.0030 (for cable length 3 m)

e Pulse rate

- 1, 2, 4, 5, 10, 12, 14, 20, 25, 28, 30, 32, 36, 50, 60, 64, 80, 100, 120, 125, 150, 180, 200, 240, 250, 256, 300, 342, 360, 375, 400, 500, 512, 600, 625, 720, 800, 900, 1000, 1024, 1200, 1250, 1500, 1800, 2000, 2048, 2500, 3000, 3600, 4000, 4096, 5000**
- (e.g. 100 pulses => 0100)

Optional on request

- other pulse rates
- Ex 2/22 (not for type of connection E, F, H, L, M, N) ⁴⁾
- surface protection salt spray

Salt spray tested as standard type (deliverable as from 1 unit)



8.5020.18X2.XXXX-C
 8.5020.1AX2.XXXX-C

1) US version.
 2) Attention: no CE types!
 3) Without inverted signal.
 4) For the cable connection type, cable material PUR.