

## SENDIX F3663/3683, OPTYCZNY, WIELOBROTOWY, SSI, Ø36 MM

Enkodery wielobrotowe absolutne optyczne

SERIE F3663



- Średnica zewnętrzna: Ø 36 mm
- Maks. średnica wałka: Ø 10 mm. Maks. średnica otworu: Ø 10 mm
- Maks. rozdzielczość: 17 bitów ST + 24 bitów MT
- SSI, BiSS, + 2048 ppr SinCos, + 2048 ppr RS422
- Safety-Lock™

### OPIS PRODUKTU

Enkodery absolutne wielobrotowe serii Sendix F36 Kubler z opatentowaną Technologią Inteligentnego Pomiaru (Intelligent Scan Technology™) oraz interfejsem SSI lub BiSS są wyjątkowo wytrzymałe i kompaktowe.

Przy rozmiarze zaledwie 36 x 42 mm dostępne są wersje z wałem 10 mm, z otworem przelotowym do 8 mm, a przy otworze nieprzelotowym do 10 mm. Wysoka precyzja wykonania umożliwia uzyskanie rozdzielczości do 17 bitów ST oraz 24 bitów MT.

W celu określenia numeru katalogowego proszę o zapoznanie się z poniższymi informacjami.

| Order code                                       |  | 8.F3663                                                       |  | .XXXX.XXX2                                                                                          |  |
|--------------------------------------------------|--|---------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|
| Shaft version                                    |  | Type                                                          |  |                                                                                                     |  |
| <b>a</b> Flange                                  |  | <b>c</b> Interface / power supply                             |  | <b>e</b> Code                                                                                       |  |
| 1 = clamping flange, IP67, ø 36 mm [1.42"]       |  | 1 = SSI, BiSS / 5 V DC                                        |  | B = SSI, binary                                                                                     |  |
| 3 = clamping flange, IP65, ø 36 mm [1.42"]       |  | <b>2 = SSI, BiSS / 10 ... 30 V DC</b>                         |  | C = BiSS, binary                                                                                    |  |
| 2 = synchro flange, IP67, ø 36 mm [1.42"]        |  | 3 = SSI, BiSS + 2048 ppr. SinCos / 5 V DC                     |  | <b>G = SSI, gray</b>                                                                                |  |
| <b>4 = synchro flange, IP65, ø 36 mm [1.42"]</b> |  | 4 = SSI, BiSS + 2048 ppr. SinCos / 10 ... 30 V DC             |  | Optional on request:<br>- surface protection<br>salt spray tested<br>- other singleturn resolutions |  |
| <b>b</b> Shaft (ø x L), with flat                |  | 5 = SSI, BiSS / 5 V DC, with sensor output                    |  | <b>f</b> Resolution (singleturn)                                                                    |  |
| 1 = ø 6 x 12.5 mm [0.24 x 0.49"]                 |  | 6 = SSI, BiSS + 2048 ppr. SinCos / 5 V DC, with sensor output |  | B = 9 bit ST                                                                                        |  |
| <b>3 = ø 8 x 15 mm [0.32 x 0.59"]</b>            |  | 7 = SSI, BiSS + 2048 ppr. RS422 / 5 V DC                      |  | A = 10 bit ST                                                                                       |  |
| 5 = ø 10 x 20 mm [0.39 x 0.79"]                  |  | 8 = SSI, BiSS + 2048 ppr. RS422 / 10 ... 30 V DC              |  | 2 = 12 bit ST                                                                                       |  |
| 2 = ø 1/4" x 12.5 mm [0.49"]                     |  | <b>d</b> Type of connection                                   |  | <b>3 = 13 bit ST</b>                                                                                |  |
| 4 = ø 3/8" x 5/8"                                |  | <b>1 = tangential cable, 1 m [3.28'] PUR</b>                  |  | 4 = 14 bit ST                                                                                       |  |
|                                                  |  | 3 = tangential cable, 5 m [16.40'] PUR                        |  | 7 = 17 bit ST                                                                                       |  |
|                                                  |  | U = tangential cable, 10 m [32.81'] PUR                       |  | <b>g</b> Resolution (multiturn)                                                                     |  |
|                                                  |  | 5 = tangential cable, 1 m [3.28'] PUR                         |  | <b>2 = 12 bit MT</b>                                                                                |  |
|                                                  |  | with M12 connector for central fastening, 8-pin <sup>1)</sup> |  | 6 = 16 bit MT                                                                                       |  |
|                                                  |  |                                                               |  | 4 = 24 bit MT                                                                                       |  |

|                                        |  |                                                               |           |   |   |   |   |                                  |   |
|----------------------------------------|--|---------------------------------------------------------------|-----------|---|---|---|---|----------------------------------|---|
| Order code<br>Hollow shaft             |  | 8.F3683                                                       | XXXX.XXX2 |   |   |   |   |                                  |   |
| Type                                   |  |                                                               | a         | b | c | d | e | f                                | g |
| <b>a</b> Flange                        |  | <b>c</b> Interface / power supply                             |           |   |   |   |   | <b>e</b> Code                    |   |
| 1 = with spring element, short, IP65   |  | 1 = SSI, BiSS / 5 V DC                                        |           |   |   |   |   | B = SSI, binary                  |   |
| 3 = with spring element, long, IP65    |  | <b>2 = SSI, BiSS / 10 ... 30 V DC</b>                         |           |   |   |   |   | C = BiSS, binary                 |   |
| <b>2 = with stator coupling, IP65,</b> |  | 3 = SSI, BiSS + 2048 ppr. SinCos / 5 V DC                     |           |   |   |   |   | <b>G = SSI, gray</b>             |   |
| <b>ø 46 mm [1.81"]</b>                 |  | 4 = SSI, BiSS + 2048 ppr. SinCos / 10 ... 30 V DC             |           |   |   |   |   |                                  |   |
|                                        |  | 5 = SSI, BiSS / 5 V DC, with sensor output                    |           |   |   |   |   |                                  |   |
|                                        |  | 6 = SSI, BiSS + 2048 ppr. SinCos / 5 V DC, with sensor output |           |   |   |   |   |                                  |   |
|                                        |  | 7 = SSI, BiSS + 2048 ppr. RS422 / 5 V DC                      |           |   |   |   |   |                                  |   |
|                                        |  | 8 = SSI, BiSS + 2048 ppr. RS422 / 10 ... 30 V DC              |           |   |   |   |   |                                  |   |
| <b>b</b> Through hollow shaft          |  | <b>d</b> Type of connection                                   |           |   |   |   |   | <b>f</b> Resolution (singleturn) |   |
| 1 = ø 6 mm [0.24"]                     |  | <b>1 = tangential cable, 1 m [3.28'] PUR</b>                  |           |   |   |   |   | B = 9 bit ST                     |   |
| 3 = ø 8 mm [0.32"]                     |  | 3 = tangential cable, 5 m [16.40'] PUR                        |           |   |   |   |   | A = 10 bit ST                    |   |
| 2 = ø 1/4"                             |  | U = tangential cable, 10 m [32.81'] PUR                       |           |   |   |   |   | 2 = 12 bit ST                    |   |
| Blind hollow shaft                     |  | 5 = tangential cable, 1 m [3.28'] PUR                         |           |   |   |   |   | <b>3 = 13 bit ST</b>             |   |
| (insertion depth max. 14.5 mm [0.57"]) |  | with M12 connector for central fastening, 8-pin <sup>1)</sup> |           |   |   |   |   | 4 = 14 bit ST                    |   |
| <b>4 = ø 10 mm [0.39"]</b>             |  |                                                               |           |   |   |   |   | 7 = 17 bit ST                    |   |
|                                        |  |                                                               |           |   |   |   |   |                                  |   |
|                                        |  |                                                               |           |   |   |   |   | <b>g</b> Resolution (multiturn)  |   |
|                                        |  |                                                               |           |   |   |   |   | <b>2 = 12 bit MT</b>             |   |
|                                        |  |                                                               |           |   |   |   |   | 6 = 16 bit MT                    |   |
|                                        |  |                                                               |           |   |   |   |   | 4 = 24 bit MT                    |   |

