

## KUEBLER - INCREMENTAL ENCODER

### 3610/3620

SERIE 3620

- Housing diameter Ø36 mm
- M12 connector
- 25 to 2 500 pulses per revolution



#### Product description

Model Series 3610/3620 is small and robust with up to 2 500 pulses per revolution.

Available in Shoulder and Hole Axle Design, with Push-Pull or RS422.

Suitable for applications where space is limited.

Different options with radial, axial cable or M12 (8 pin).

Please refer to the images below for ordering information.

| Order code    |                                                                                                                                                                                                                  | 8.3610 . XXXXX . XXXX |   |   |   |   |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---|---|---|---|
| Shaft version |                                                                                                                                                                                                                  | Type                  | a | b | c | d |
| <b>a</b>      | Flange                                                                                                                                                                                                           |                       |   |   |   |   |
|               | 2 = synchro flange, Ø 36.5 mm [1.44"]                                                                                                                                                                            |                       |   |   |   |   |
|               | <b>3 = clamping flange, Ø 36.5 mm [1.44"]</b>                                                                                                                                                                    |                       |   |   |   |   |
| <b>b</b>      | Shaft (ø x L)                                                                                                                                                                                                    |                       |   |   |   |   |
|               | 1 = ø 4 x 10 mm [0.16 x 0.39"]                                                                                                                                                                                   |                       |   |   |   |   |
|               | 2 = ø 5 x 10 mm [0.20 x 0.39"]                                                                                                                                                                                   |                       |   |   |   |   |
|               | <b>3 = ø 6 x 12.5 mm [0.24 x 0.49"], with flat</b>                                                                                                                                                               |                       |   |   |   |   |
|               | 5 = ø 1/4" x 12.5 mm [1/4" x 0.49"], with flat                                                                                                                                                                   |                       |   |   |   |   |
| <b>c</b>      | Output circuit / power supply                                                                                                                                                                                    |                       |   |   |   |   |
|               | 2 = push-pull (with inverted signal) / 5 ... 18 V DC                                                                                                                                                             |                       |   |   |   |   |
|               | <b>4 = push-pull (with inverted signal) / 8 ... 30 V DC</b>                                                                                                                                                      |                       |   |   |   |   |
|               | 3 = push-pull (without inverted signal) / 8 ... 30 V DC                                                                                                                                                          |                       |   |   |   |   |
|               | 6 = RS422 (with inverted signal) / 5 V DC                                                                                                                                                                        |                       |   |   |   |   |
|               | 5 = RS422 (with inverted signal) / 8 ... 30 V DC                                                                                                                                                                 |                       |   |   |   |   |
| <b>d</b>      | Type of connection                                                                                                                                                                                               |                       |   |   |   |   |
|               | 1 = axial cable, 2 m [5.56'] PVC                                                                                                                                                                                 |                       |   |   |   |   |
|               | A = axial cable, special length PVC *)                                                                                                                                                                           |                       |   |   |   |   |
|               | <b>2 = radial cable, 2 m [5.56'] PVC</b>                                                                                                                                                                         |                       |   |   |   |   |
|               | B = radial cable, special length PVC *)                                                                                                                                                                          |                       |   |   |   |   |
|               | 3 = axial M12 connector, 8-pin                                                                                                                                                                                   |                       |   |   |   |   |
|               | 4 = radial M12 connector, 8-pin                                                                                                                                                                                  |                       |   |   |   |   |
|               | *) Available special lengths (connection types A, B):<br>3, 5, 8, 10, 15 m [9.84, 16.40, 26.25, 32.80, 49.21']<br>order code expansion .XXXX = length in dm<br>ex.: 8.3610.334A.1024.0030 (for cable length 3 m) |                       |   |   |   |   |
| <b>e</b>      | Pulse rate                                                                                                                                                                                                       |                       |   |   |   |   |
|               | 25, 100, <b>200</b> , 360, <b>500</b> , 512, 600, 1000,<br><b>1024</b> , 1500, 2000, <b>2048</b> , <b>2500</b><br>(e.g. 500 pulses => 0500)                                                                      |                       |   |   |   |   |
|               | Optional on request<br>- other pulse rates                                                                                                                                                                       |                       |   |   |   |   |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| . | X | X | X | X | . | X | X | X | X |
|   | a | b | c | d |   |   |   |   | e |

