0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

## **KUEBLER - WIRE ENCODERS A50**

SERIE D8.6A1



- Max measuring length 1 250 mm
- -20 to +85 °C
- Titanium anodized aluminum housing
- Compact dimensions



#### PRODUCT DESCRIPTION

The Kübler Miniature Wire Giver A50 is designed for simpler applications with lower speeds.

The housing can be combined with digital and analogue encoder.

Maximum wire length is 1250mm.

Please refer to the images below for ordering information.

Order code with encoder incremental, absolute)		D8.6A1 . XXX		X . XX X X . XXXX	Standard variants are represented <b>bold underlined</b>
Measuring range 025 = 250 mm 050 = 500 mm 125 = 1250 mm	D Encoder used 36 = Sendix 3610, inc M3 = Sendix M3663, a F3 = Sendix F3663, at M8 = Sendix F3668, at	bsolute, SSI solute, SSI bsolute, CANope	0	Output circuit lepends on the encoder used lippe of connection lepends on the encoder used Resolution / Protocol / Options lepends on the encoder used	Optional on request  Other measuring ranges  Eyelet or M4 wire fastening instead of wire clip  Modified cable and/or connector orientation  Modified cable outlet direction  Sensor protection level IP67
Standard resolutions fo	or draw wire with increm	ental encoder Se	ndix 3610		wire with absolute encoder Sendix 8/M3668 (12 bit ST, programmable via bus)
Standard resolutions for		ental encoder Se	ndix 3610 125		wire with absolute encoder Sendix
	nm] 125			F3663/M3663 (12 bit ST) or F366	wire with absolute encoder Sendix 8/M3668 (12 bit ST, programmable via bus)
Drum circumference (r	nm] 125	125	125	F3663/M3663 (12 bit ST) or F366 Drum circumference [mm]	wire with absolute encoder Sendix 8/M3668 (12 bit ST, programmable via bus) 12

# Order code with encoder

## (analog, scalable with limit switch function)

 Measuring range 0025 = 250 mm

0050 = 500 mm 0125 = 1250 mm • Encoder used M1 = Sendix M3661, absolute 1) Output circuit depends on the encoder used

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- Type of connection depends on the encoder used
- Resolution / Protocol / Options depends on the encoder used

D8.3A1 . XXXX .

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0 Optional on request

D8.6A1 . XXXX . M1 X X . XXXX Standard variants are represented **bold anderline** 

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- Other measuring ranges
- Eyelet or M4 wire fastening instead of wire clip
- Modified cable and/or connector orientation
- Modified cable outlet direction
- Sensor protection level IP67
- Improved linearity (0.02 %)

#### Recommended standard variants (with analog encoder, scalable with limit switch function)

Order no. draw wire encoder	Mounted encoder	Interface	Power supply	Type of connection	Resolution / Protocol	Option
D8.6A1.xxxx.M134.3612	Sendix M3661 (8.M3661.4134.3612)	Analog, 4 20 mA	10 30 V DC	M12-Stecker radial	12 Bit / 4 20 mA	scalable without limit switch function 2)
D8.6A1.xxxx.M144.4612	Sendix M3661 (8.M3661.4144.4612)	Analog, 0 10 V	15 30 V DC	M12-Stecker radial	12 Bit / 0 10 V	scalable without limit switch function 2)
D8.6A1.xxxx.M134.3512	Sendix M3661 (8.M3661.4134.3512)	Analog, 4 20 mA	10 30 V DC	M12-Stecker radial	12 Bit / 4 20 mA	scalable with limit switch function 31
D8.6A1.xxxx.M144.4512	Sendix M3661 (8.M3661.4144.4512)	Analog, 0 10 V	15 30 V DC	M12-Stecker radial	12 Bit / 0 10 V	scalable with limit switch function 3)

Type

### Order code with analog sensor (scaled to measuring range)

 Measuring range 0025 = 250 mm

0050 = 500 mm 0125 = 1250 mm Analog sensor output / power supply

A11 = 4 ... 20 mA / 12 ... 30 V DC A22 = 0 ... 10 V / 12 ... 30 V DC

A33 = potentiometer 1 kΩ / max. 30 V DC

Type of connection

1 = axial cable, 2 m PVC

3 = axial M12 connector, 4-pin

## 0 Optional on request

XXX X

- Other measuring ranges
- Eyelet or M4 wire fastening instead of wire clip

0000

- Modified cable and/or connector orientation
- Modified cable outlet direction

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- Sensor protection level IP67
- Improved linearity (0.02 %)
- Increased temperature range -40°C ... +85°C and -20°C ... +120°C



