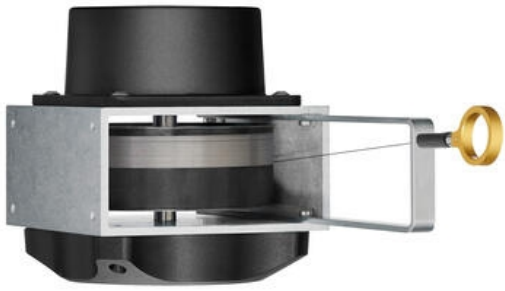
OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

KUEBLER - WIRE ENCODERS D120

SERIE D8.D120

- Max measuring length 10m
- -40 to +85C°
- IP rating up to IP69K
- Open, closed or perforated house



PRODUCT DESCRIPTION

The D120 series generators are designed for extra demanding applications, requiring high IP rating and wide temperature range. Flexibility and adaptability have been the focus of the D120 series.
The D120 series also offers redundancy when using variants with two potentiometers.

Available with open, closed and perforated housing.

Please refer to the image below for ordering information.

Order code D8.D120 . X X X X . X X X . X . 0000
Type — a b c d — e — f

Standard variants are represented **bold underlined**

a *Measuring length*
3 = 3 m
4 = 4 m
5 = 5 m
6 = 6 m
7 = 7 m
8 = 8 m
9 = 9 m
A = 10 m

b *Wire types* [1]
1 = V4A, ø 0.5 mm
2 = V4A, ø 1.0 mm (measuring length 3 ... 8 m)
3 = V4A, ø 1.5 mm (measuring length 3 ... 6 m)

c *Linearity*
1 = 0.5 %
2 = 0.25 %
3 = 0.1 %

d *Housing*
1 = open housing, open wire guide
3 = housing with perforated sheet metal cover, open wire guide
4 = housing with perforated sheet metal cover, closed wire guide
6 = closed housing, closed wire guide

e *Sensor type*
A11 = 4 ... 20 mA / 12 ... 30 VDC
A22 = 0 ... 10 V / 12 ... 30 VDC
A33 = 1 kΩ / max. 30 VDC
CC1 = CANopen [2]
R11 = 2 x 4 ... 20 mA / 12 ... 30 VDC
R22 = 2 x 0 ... 10 V / 12 ... 30 VDC
R33 = 2 x 1 kΩ / max. 30 V

f *Type of connection / protection level sensor*
1 = radial cable, 2 m [6.56'] TPE / IP69k [3]
3 = radial M12 connector / IP67
4-pin for sensor type A11 ... A33
5-pin for sensor type CC1
8-pin for sensor type R11 ... R33

;