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

KUEBLER - WIRE ENCODERS C100

SERIE D8.C100



- Robust design
- -40 to +85°C
- IP67 class
- Built-in inclinometer

PRODUCT DESCRIPTION

Thanks to its robust design, wide temperature range, and IP67 rating, the C100 series fits well in demanding applications. The C100 can be equipped with analog, incremental, relay and switched outputs, and even with built-in inclinometers together with CANopen communication.
It is also possible to order the C100 series with redundancy.
The measuring range may range from 1m up to 5m.

Please refer to the images below for ordering information.

Order code with analog sensor D8.C100.XXXX.XXX1.X000 (a, b, c, d)

a Measuring length	b Sensor type	c Type of connection
0100 = 1 m	A22 = 0 ... 10 V [1]	1 = M12 connector, 5-pin
0200 = 2 m	A44 = 0.5 ... 4.5 V	
0300 = 3 m	R22 = 0 ... 10 V, redundant [1]	**d Power supply**
0400 = 4 m	R44 = 0.5 ... 4.5 V, redundant	1 = 9 ... 30 V DC
0500 = 5 m		2 = 5 V DC [2]

Order code with CANopen and inclinometer D8.C100.XXXX.RC11.1X00 (a, b, c, d, e)

a Measuring length	b Sensor type	c Type of connection	e Inclinometers
0100 = 1 m	RC1 = CANopen redundant	1 = M12 connector, 5-pin	0 = none
0200 = 2 m			1 = 1 inclinometer
0300 = 3 m		**d Power supply**	2 = 2 inclinometers
0400 = 4 m		1 = 9 ... 30 V DC	
0500 = 5 m			

Order code with incremental output D8.C100.XXXX.XXXX.1000 (a, b, c, d)

a Measuring length	b Sensor type	c Type of connection
0100 = 1 m	I11 = incremental AB, 512 ppr	1 = M12 connector, 5-pin
0200 = 2 m	I12 = incremental ABZ, 512 ppr	3 = radial cable, 2 m [6.56']
0300 = 3 m	I21 = incremental AB, 1024 ppr	
0400 = 4 m	I22 = incremental ABZ, 1024 ppr	**d Output circuit / Power supply**
0500 = 5 m		1 = TTL / 9 ... 30 V DC

Order code with relais output

D8. C100 . XXXX . RL1 1 . 1 000
a b c d

a *Measuring length*
0100 = 1 m
0200 = 2 m
0300 = 3 m
0400 = 4 m
0500 = 5 m

b *Sensor type*
RL1 = relay output

c *Type of connection*
1 = M12 connector, 5-pin

d *Power supply*
1 = 9 ... 30 V DC

Order code with switch output

D8. C100 . XXXX . SW3 4 . 1 000
a b c d

a *Measuring length*
0100 = 1 m
0200 = 2 m
0300 = 3 m
0400 = 4 m
0500 = 5 m

b *Sensor type*
SW3 = 3 switch outputs

c *Type of connection*
4 = M12 connector, 12-pin

d *Power supply*
1 = 9 ... 30 V DC

;



