Draw wire mechanics with encoder | Draw wire encoder C105 | Measuring length max. 6 m, Traverse speed max. 3 m/s

These draw wire mechanics can be combined with all encoders having a size 58 synchro flange and 6 mm shaft.

Flexible and simple

- Possibility for user to exchange encoder
- Measuring lengths 2800 mm or 6000 mm
- Simple installation

Order code with encoder

D8.1	XXX	.	XX	X	X	.	XXXX
Type	ⓐ		ⓑ	ⓒ	ⓓ		ⓔ

ⓐ *Measuring range*
106 = 6000 mm
2A1 = 2800 mm

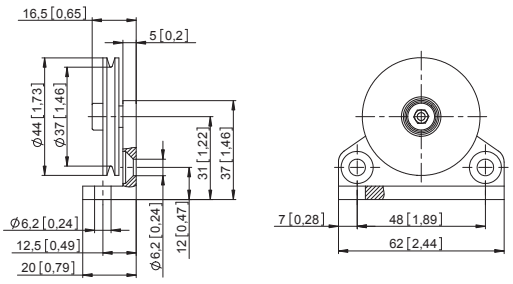
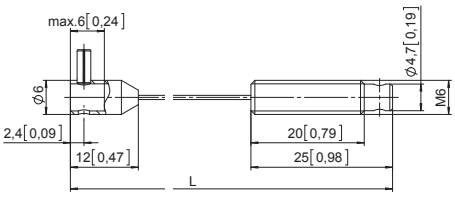
ⓑ *Mounted encoder*
05 = 5805
2Z = 5000
04 = 5804
62 = 5862
60 = 5860
63 = 5863
68 = 5868

ⓒ *Output circuit* [1)]

ⓓ *Type of connection* [1)]

ⓔ *Resolution / pulses / protocol* [1)]

Accessories for draw wire encoder

		Order No.
Guide pulley  	Order code for the set: - Guide pulley (anodised aluminium) - 2 x countersunk screws for lateral fixing - 2 x hexagonal screws for fixing on a flat surface	**8.0000.7000.0045**
Extension cable  	Steel wire 2 m [6.56'] Steel wire 5 m [16.40'] Steel wire 10 m [32.81'] Paraleine 2 m [6.56']	**8.0000.7000.0033** **8.0000.7000.0034** **8.0000.7000.0035** **8.0000.7000.0032**

1) These data depend on the chosen encoder

Draw wire mechanics with encoder | **Draw wire encoder C105** | **Measuring length max. 6 m**
Traverse speed max. 3 m/s

Technical data

Mechanical characteristics		
Measuring range		2800 mm / 6000 mm
Traversing speed		max. 3000 mm/s
Extension force F_{min}		8 N
Repeat accuracy		± 0.15 mm
Working temperature		-20°C …+80°C [-4°F ... +176°F]
Weight		approx. 700 g [24.69 oz]
Drum circumference		200 mm
Wire	2800 mm 6000 mm	paraleine– with ø 1.05 mm steel wire – with ø 0.54 mm

For the electrical characteristics as well as for the terminal assignment, please refer to the data sheet of the encoder used.

Dimensions

Dimensions in mm [inch]