

Electric data

You can find suitable rotary encoders on our website www.siko-global.com. They are suitable ...

- for analog outputs such as current or voltage: AV3650M, AV58M
- for incremental outputs: IV5800
- for absolute outputs: WV58MR, WV5800M, WV5850, WV3650M, WV36M/CAN

SIKO rotary encoders have the following interfaces, among others: incremental, SSI, CANopen, CANopen Safety, SAE J1939, various fieldbus protocols

The technical specifications for these devices can be found in the respective data sheets. In addition, numerous encoder variants from different manufacturers can be used.

System data

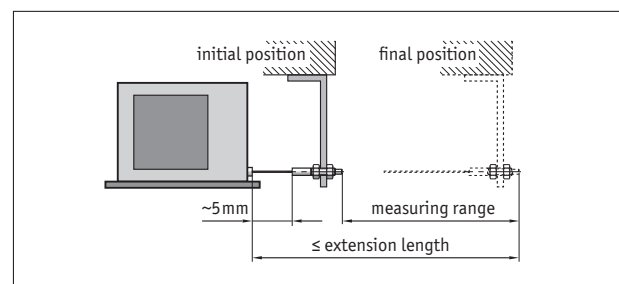
Feature	Technical data	Additional information
Repeat accuracy	±0.15 mm	per direction of approach
Travel speed	≤800 mm/s	

Ambient conditions

Feature	Technical data	Additional information
Ambient temperature	-40 ... 80 °C	

Hint for mounting

When securing the wire it must be ensured that the wire is straight and vertical in relation to the wire outlet.
Recommendation: Only select the starting position after an unwound length of approx. 5 mm. This prevents the wire hitting the end stop when it is rewound.



symbolic depiction

Order

■ Ordering information

One or more system components are required:

Absolute encoder WV58MR	www.siko-global.com
Absolute encoder WV5800M	www.siko-global.com
Absolute encoder WV5850	www.siko-global.com
Absolute encoder AV58M	www.siko-global.com
Incremental encoder IV5800	www.siko-global.com
Absolute encoder WV3650M	www.siko-global.com
Absolute encoder WV36M/CAN	www.siko-global.com

■ Ordering table

Feature	Ordering data	Specification	Additional information
Rope fixture	GW	A	wire suspension with thread
	HK		wire suspension with hook
	RI		wire suspension with ring
Wire design	S	B	stainless steel rope
	SK		stainless steel rope, plastic-coated
Encoder type	OG6	C	without encoder
	S6		a wide range of encoders can be used see accessories
Position of electrical connection	1	D	direction or wire outlet or axially
	2		upward
	3		opposite the wire outlet
	4		downward
	0		without encoder depending on installed encoder

■ Order key

SG31 - - - -
A B C D

Scope of delivery: SG31, Mounting instructions

Accessories:

Guide roller UR
Wire extension piece SV

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