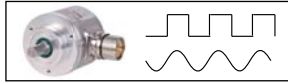


Montageanleitung Vollwellengeber

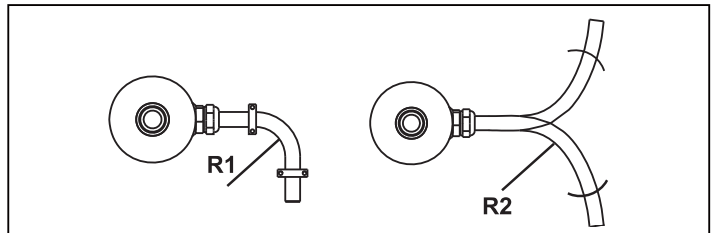
Assembly instructions shaft encoder



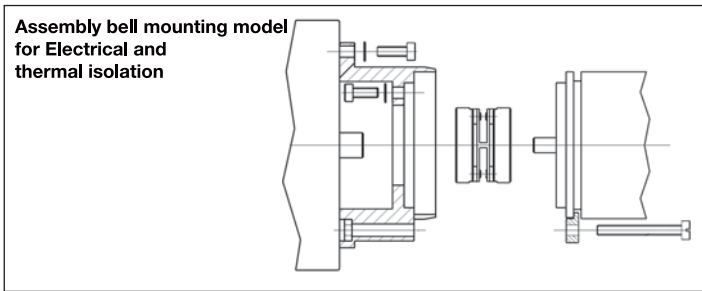
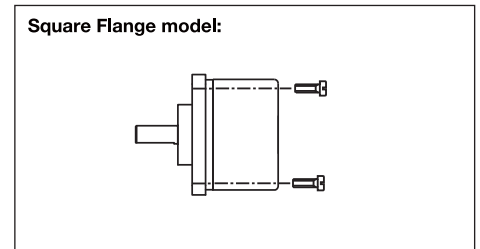
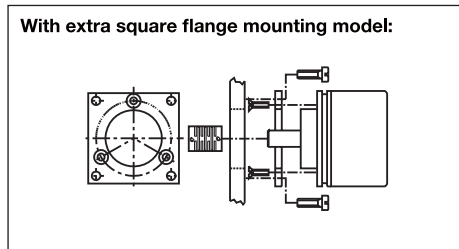
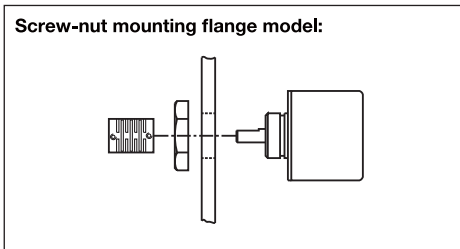
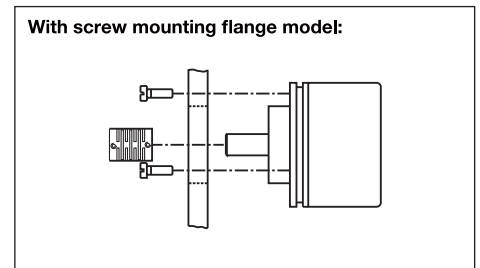
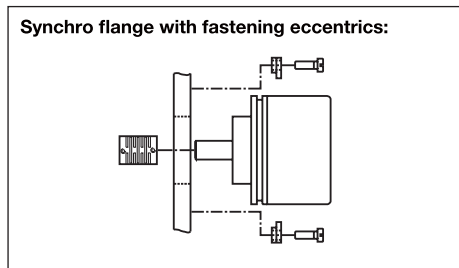
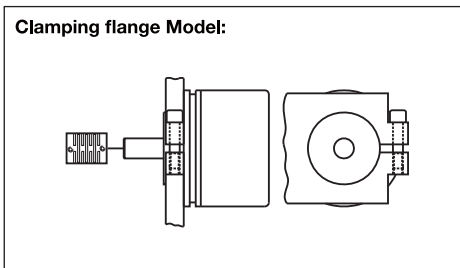
-40 °C ... +85 °C / 1Vss: -20 °C ... +80 °C
 -40 °C...+90 °C

Montage nur qualifiziertes Personal
 Assembly only qualified personnel

DIN EN 100015-1



Kabel ø cable	R1	R2	Temperatur Temperature
≤ 7 mm	31,5 mm	94,5 mm	T > -20 °C (-4 °F)
> 7 mm	41,5 mm	124,5 mm	T > -20 °C (-4 °F)
≤ 7 mm	46,5 mm	139,5 mm	T > -40 °C (-40 °F)
> 7 mm	62,3 mm	186,9 mm	T > -40 °C (-40 °F)



Gewinde (8.8) Screw thread	Empfohlenes Anzugsdrehmoment Recommended starting torque
M3	1 Nm
M4	2 Nm
M5	3 Nm
M6	6 Nm
Mutter, Screw nut, M20x1,5	8 Nm

Output circuit	L _{MAX}
Sin/Cos	150m
Push-pull (without inverted signal)	100m
Push-pull (with inverted signal)	250m
Push-pull (with inverted signal)(7272)	100m
RS422 (with inverted signal)	Max.1000m

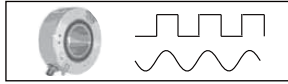
Terminal assignment:

Connect type	Square-wave		SIN/COS			
	cable	M12 8-pin	M 23 12-pin	cable	M12 8-pin	M 23 12-pin
View of mating side						
GND	WH	1	10	WH	1	10
+UB	BN	2	12	BN	2	12
A	GN	3	5	GN	3	5
B	YE	4	8	GY	5	8
Z	GY	5	3	-	-	3
A inv.	RD	6	6	YE	4	6
B inv.	BK	7	1	PK	6	1
Z inv.	VT	8	4	-	-	4
Shield	Shell	Shell	Shell	Shell	Shell	Shell

* Contaction detail, please see the corresponding interface introductions.

Montageanleitung Hohlwellengeber

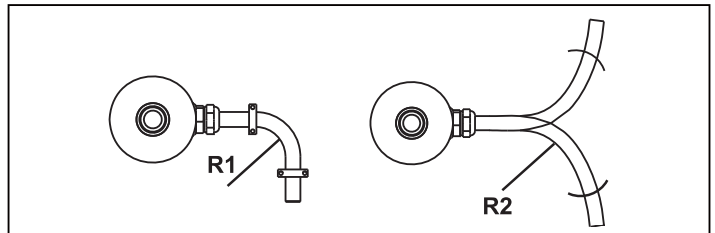
Assembly instructions hollowshaft encoder



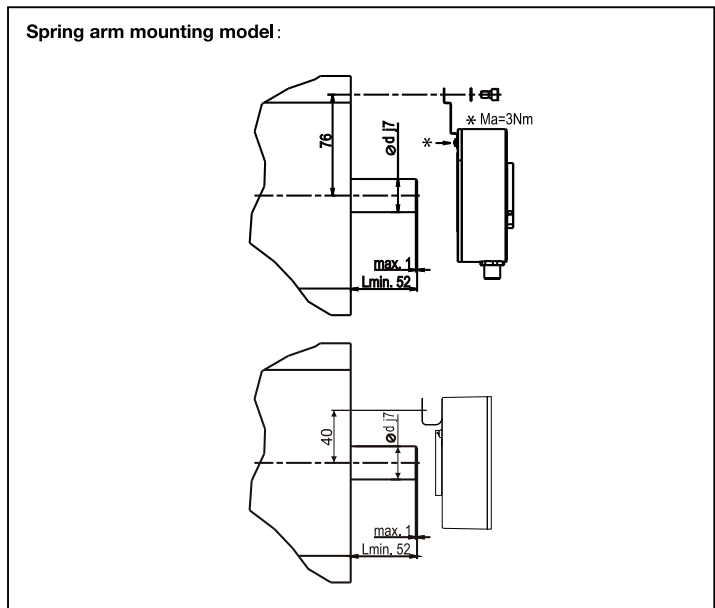
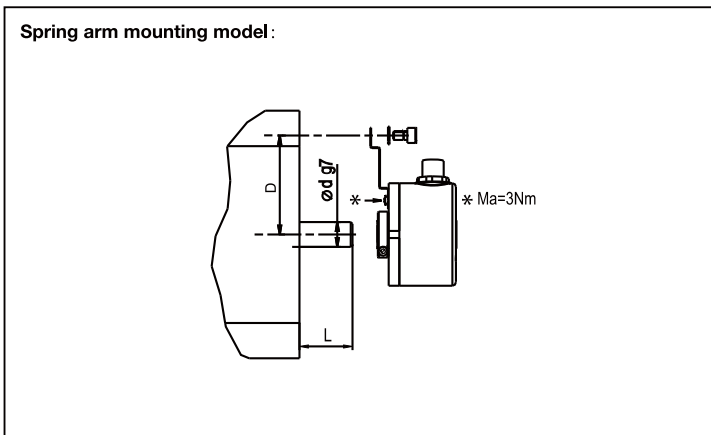
-40 °C ... +85 °C / 1Vss: -20 °C ... +80 °C
 -40 °C...+90 °C

Montage nur qualifiziertes Personal
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DIN EN 100015-1

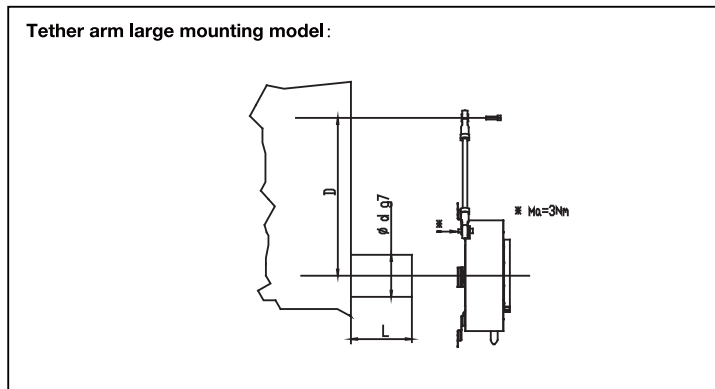


Kabel ø cable	R1	R2	Temperatur Temperature
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$L \leq L_{MAX}$

	Output circuit	L _{MAX}
	Sin/Cos	150m
	Push-pull (without inverted signal)	100m
	Push-pull (with inverted signal)	250m
	Push-pull (with inverted signal)(7272)	100m
	RS422 (with inverted signal)	Max.1000m



Terminal assignment:

Square-wave				SIN/COS		
Connect type	cable	M12	M 23	cable	M12	M 23
Pin		8-pin	12-pin		8-pin	12-pin
View of mating side						
GND	WH	1	10	WH	1	10
+UB	BN	2	12	BN	2	12
A	GN	3	5	GN	3	5
B	YE	4	8	GY	5	8
Z	GY	5	3	-	-	3
A inv.	RD	6	6	YE	4	6
B inv.	BK	7	1	PK	6	1
Z inv.	VT	8	4	-	-	4
Shield	Shell	Shell	Shell	Shell	Shell	Shell

Gewinde (8.8) Screw thread	Empfohlenes Anzugsdrehmoment Recommended starting torque
M3	1 Nm
M4	2 Nm
M5	3 Nm
M6	6 Nm
Mutter, Screw nut, M20x1,5	8 Nm

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