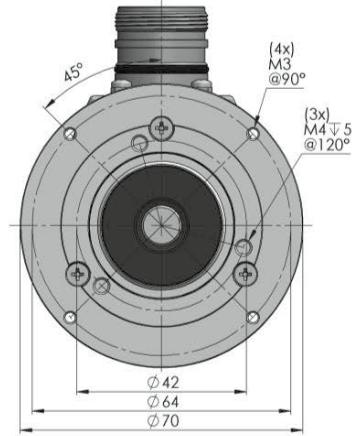
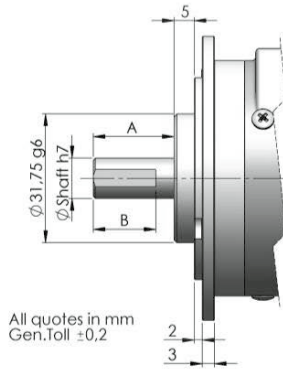
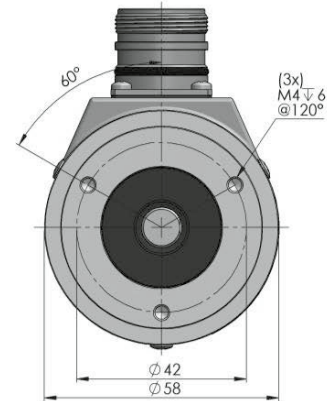
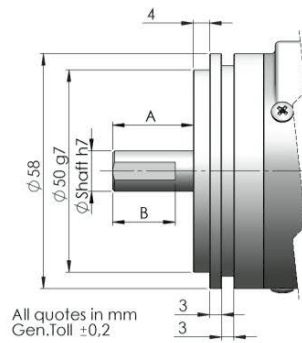




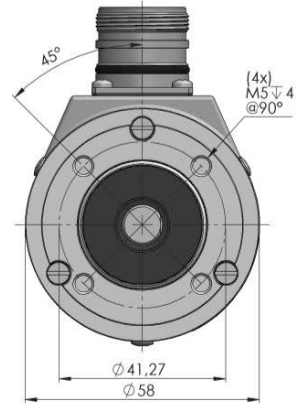
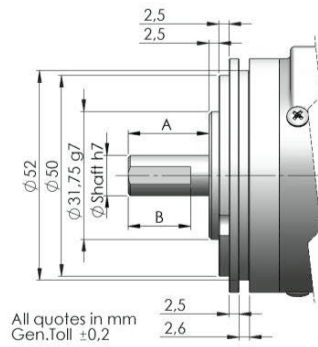
Flansch 2 /  
Flange 2



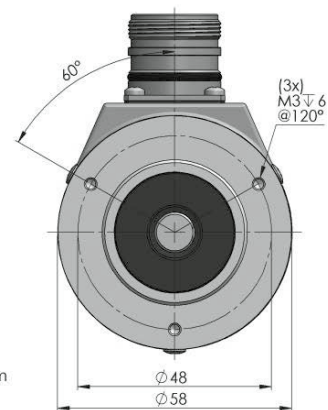
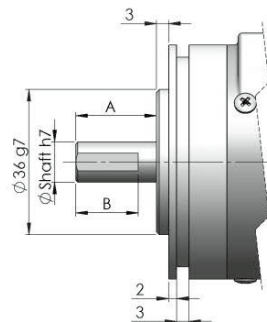
Flansch 3 /  
Flange 3



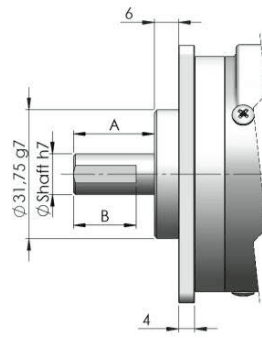
Flansch 4 /  
Flange 4



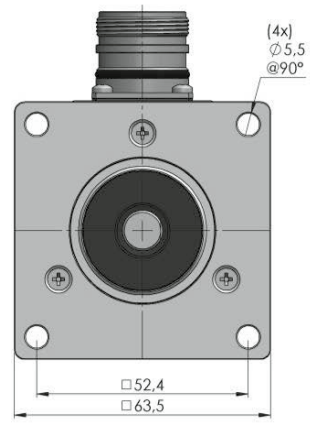
Flansch 5 /  
Flange 5



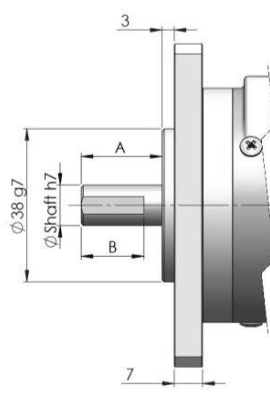
Flansch 6 /  
Flange 6



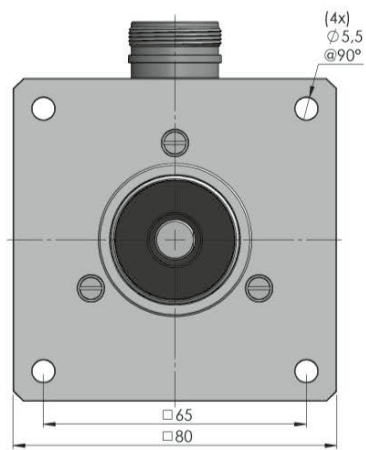
All quotes in mm  
Gen.Toll ±0,2



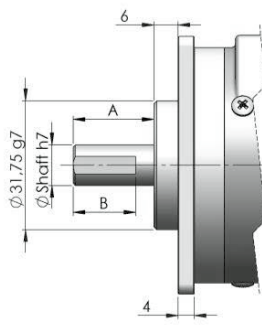
Flansch 7 /  
Flange 7



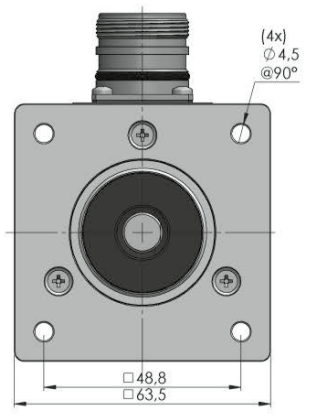
All quotes in mm  
Gen.Toll ±0,2



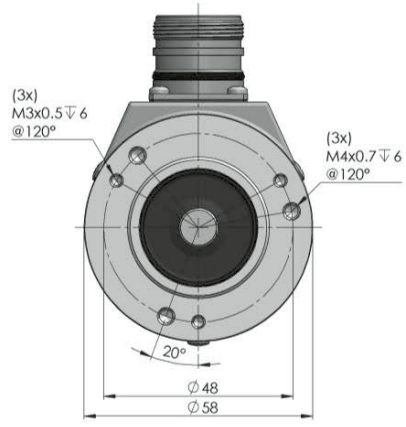
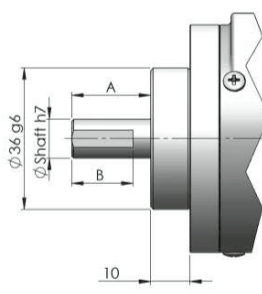
Flansch 9 /  
Flange 9



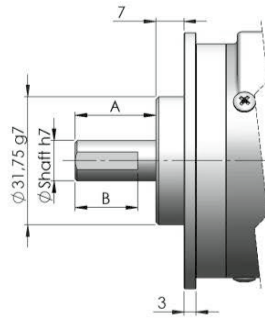
All quotes in mm  
Gen.Toll ±0,2



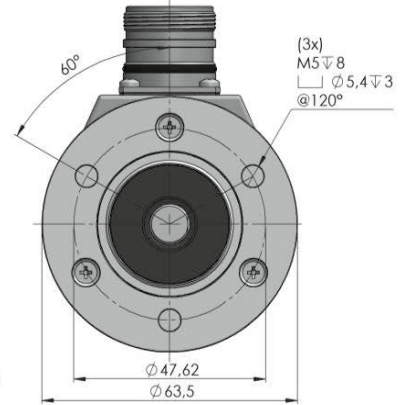
Flansch H /  
Flange H



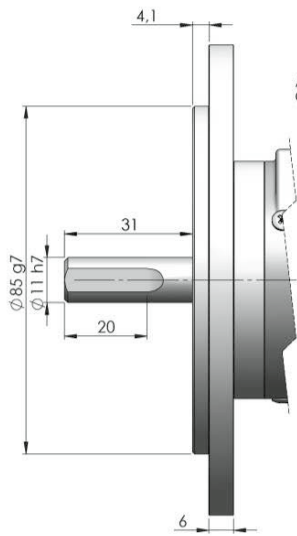
Flansch M /  
Flange M



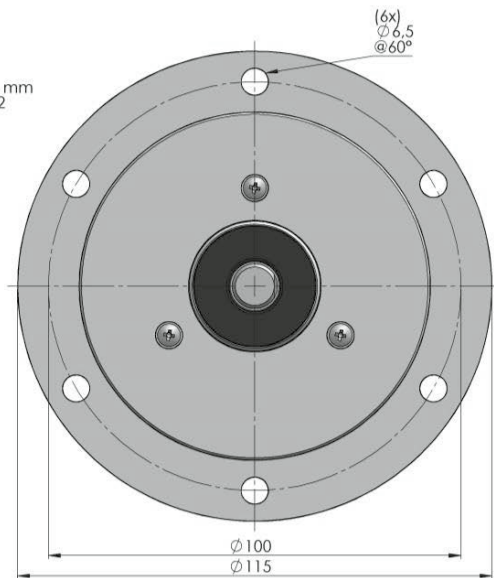
All quotes in mm  
Gen.Toll  $\pm 0.2$



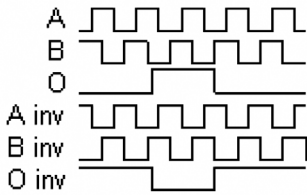
Flansch R /  
Flange R



All quotes in mm  
Gen.Toll  $\pm 0.2$



## Ausgangssignale (cw) / Output Signals



## Elektronische Daten / Electronics Data

Versorgungsspannung / Power Supply:	5/28 Volt, hängt von der Ausgangsschaltung ab / 5/28 Volt, depends on the electronics circuit
max. Stromaufnahme / Current consumption:	40/80mA, hängt von der Ausgangsschaltung ab / 40/80mA, depends on the electronics circuit
Ausgangsbelastung / Load:	40mA
Frequenz / Frequency:	bis zu 600 KHz, hängt von der Ausgangsschaltung ab / up to 600 KHz / depends on the electronics circuit
Schutz / Protections:	Kurzschlussfest, Umkehrpolarität / against short circuit, reversal polarity
Betriebstemperatur / Operating Temp:	-20/+70°C (-30+100°C auf Anfrage / on request)

## Bestellbezeichnung / Ordering Code

H	*	*	*	*	**	/	****
	Welle Shaft	Flansche Flanges	Ausgangsschaltungen Output	Anschlüsse Connections	Optionen Options		Auflösung Resolution
	3 = Ø 6 mm 6 = Ø 8 mm 4 = Ø 9.52 mm 1 = Ø 10 mm 9 = Ø 11 mm 2 = Ø 12 mm  Wellenlänge siehe Seite 1  shaft length see page 1	1 = 2 = 3 = 4 = 5 = 6 = 7 = 9 = H = M =  Siehe vorherige Seiten  See Previous pages	2 = AB PP11/28V 3 = AB0 PP11/28V N = AB+AB PP11/28V P = AB0+AB0 PP11/28V B = AB OC11/28V C = AB0 OC11/28V G = AB NPN 11/28V H = AB0 NPN 11/28V 5 = AB+AB LD5V 6 = AB0+AB0 LD5V 8 = AB+AB LD5/12V 9 = AB0+AB0 LD5/12V S = AB+AB LD15/24V (out 12V) T = AB0+AB0 LD15/24V (out 12V) K = AB0+AB0 LD15/24 (out 5V) W = AB0+AB0 Sin-Cos 1Vpp	<b>DIN 5P</b> 0 = 9414 Axi 2 = 9414 Rad  <b>Kabel / Cable</b> 9 = Cavo Axi 3 = Cavo Rad  <b>MIL 7P</b> 6 = 9418 Axi 4 = 9418 Rad  <b>M23 12 P</b> E = 9416 Axi 5 = 9416 Rad  <b>MIL 10P</b> 8 = 9419 Axi 7 = 9419 Rad  <b>SUB-D 9p</b> A = 9415 Axi B = 9415 Rad  <b>M12 5p</b> J = M12 Axi K = M12 Rad  <b>M12 8p</b> S = M12 Axi T = M12 Rad	0 = Keine / None 1 = Hoher 0 Impuls <i>High zero pulse</i> Z = 0 Impuls 180° mit A verknüpft <i>Zero gated 180° to A</i> W = 0 Impuls 90° mit AB verknüpft <i>Zero gated 90° to AB</i> A = Spezielle Belegung <i>Special connections</i> Y = Versorgungsp. 5/12V für NPN/OC/PP <i>Power supply 5/12V for NPN/OC/PP</i> U = Versorgungsp. 5/28V für PP <i>Power supply 5/30V for outputs PP</i>  <b>Ver. Sin-cos</b> S = 5 Volt T = 8/24 Volt		max. 90.000
	<b>REO Version</b> 9R = Flansch / Flange REO + Welle / Shaft Ø11mm L31						

**Option U:** Ausgangspegel TTL kompatibel / outputs levels compatible TTL • Low level output <0.5V • High level output > +VCC-1,9V

## Anschlüsse / Connections

	0 Volt	+ Volt	A	B	- A	- B	0	- 0
<b>Kabel / Cable 5 polig / 5 pole</b>	Weiß White	Braun Brown	Grün Green	Gelb Yellow			Grau Gray	
<b>Kabel / Cable 8 polig / 8 pole</b>	Schwarz Black	Blau Blue	Braun Brown	Beige Beige	Grün Green	Gelb Yellow	Rosa Pink	Violett Violet
<b>Stecker / Connector 9414</b>	Pin1	Pin2	Pin3	Pin4				Pin5
<b>Stecker / Connector 9416-9415</b>	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
<b>Stecker / Connector 9418</b>	PinA	PinB	PinC	PinD	PinE	PinF		PinG
<b>Stecker / Connector 9419</b>	PinA	PinB	PinC	PinD	PinE	PinF	PinG	PinH
<b>Stecker / Connector 94M12 5P</b>	Pin3	Pin1	Pin2	Pin4			Pin5	
<b>Stecker / Connector 94M12 8P</b>	Pin7	Pin2	Pin1	Pin4	Pin3	Pin5	Pin6	Pin8