

Serie R Series R



Absoluter Drehgeber
Ø50mm, 12 Bit (wählbar/programmierbar)
Anwendung auf Revolverwerkzeughalter

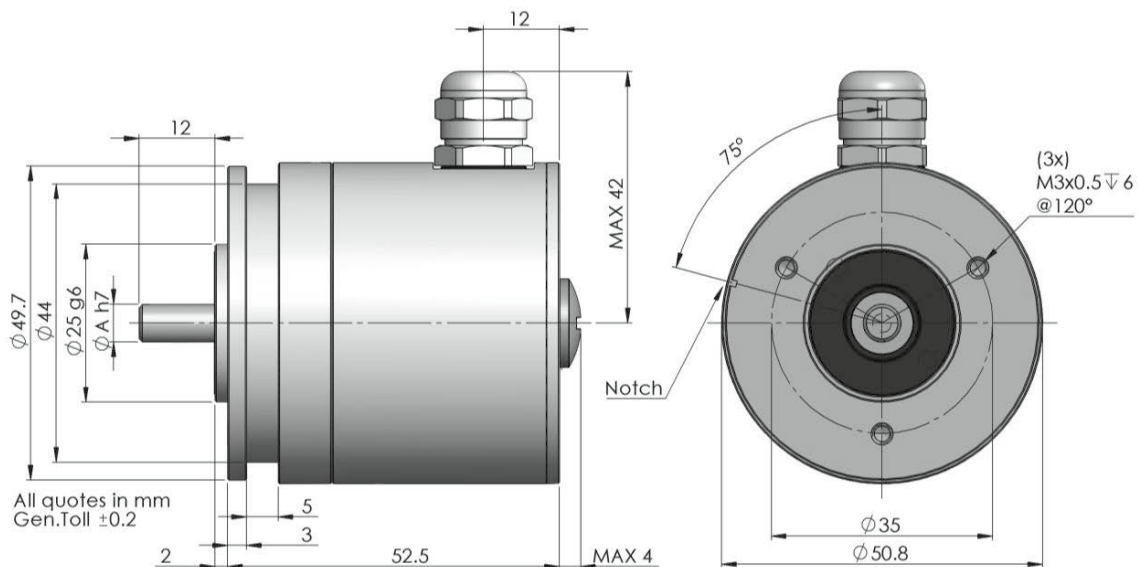
Absolute encoder
Ø50mm, 12 bits (selectable/programmable)
Application on turret tool holder

Mechanische Daten / Mechanics Data

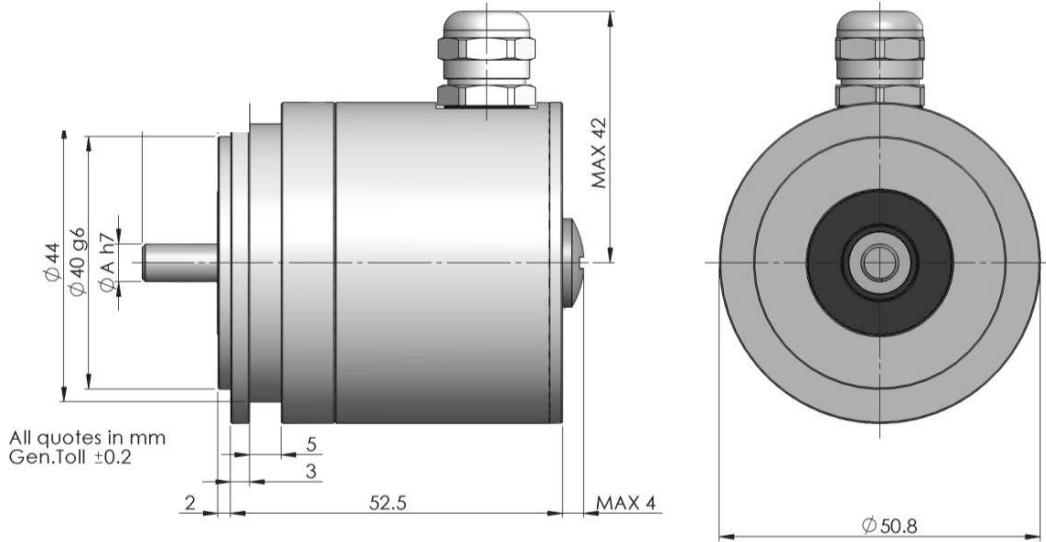
Haube / Cover:	Aluminium / Aluminum
Flansch / Body:	Aluminium / Aluminum
Welle / Shaft:	Edelstahl / Stainless steel
Kugellager / Bearings:	doppelt gelagert / 2 ballraces
Gewicht / Weight:	200 g
IP Schutzart / IP Protection:	IP65
Umdrehungen / RPM:	max. 6000
Drehmoment / Torque:	5Ncm
Trägheitsmoment / Inertia:	100gcm ²
Wellenbelastung / Shaft Loading:	Axial 100N – Radial 100N



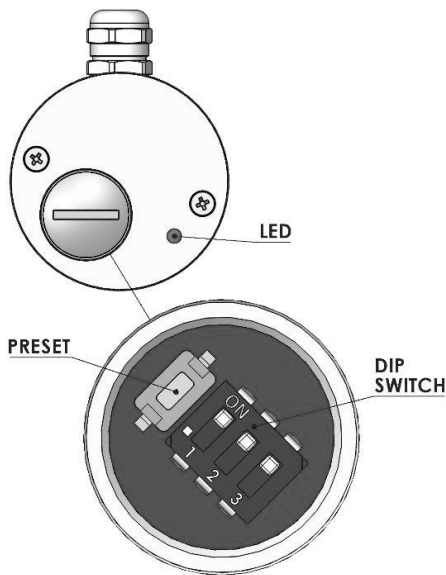
Flansch 2 / Flange 2



Flansch 3 / Flange 3

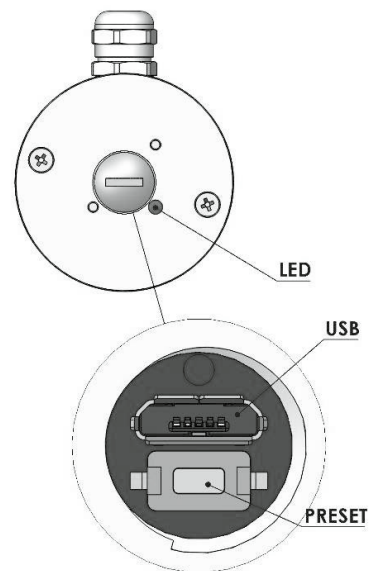


Wählbar / Selectable



		ON	OFF
DIP #1	/	/	/
DIP #2	G/B	Binary	Gray
DIP #3	U/D	Down	Up

Programmierbar / Programmable



PRESET: 2 Sekunden drücken um die Position zurückzusetzen / Push for 2 seconds to reset position
LED: Leuchtet auf, wenn die Welle auf Position 0 oder 1 steht / Light up when shaft is on 0 or 1 position

Elektronische Daten / Electronics Data

Versorgungsspannung / Power supply:	5/24V, hängt von der Ausgangsschaltung ab / depends on the electronics circuit
max. Stromaufnahme / Current consumption:	max 100mA
Ausgang / Output:	Parallel Gray-Binär / Parallel Gray-Binary
max. Ausgangsbelastung / Permissible load:	40mA
Frequenz / Frequency:	50KHz (LSB)
Schutz / Protections:	Kurzschlussfest, Umkehrpolarität / against short circuit, reversal polarity
Betriebstemperatur / Operating Temp.:	-20/+70°C

Bestellbezeichnung / Ordering Code

R	*	*	*	*	*	*	/	**	
	Welle Shaft	Flansch Flange	Ausgangsschaltung Output	Anschluss Connections	Positionierung Orientation	Optionen Options		Auflösung Resolution	
	3 = ø 6 mm 6 = ø 8 mm	2 = 3 = Siehe vorherige Seiten / See previous pages	wählbar max. 13 Bit (8.192) / selectable max 12 bit (8.192) Die Optionen Gray/Binär und Up/Down können per Dip-Switch auf der Abdeckung ausgewählt werden / The Gray/Binary and Up/Down option can be selected by Dip-Switch on the cover						
			2 = GRAY/BIN Push-Pull 11/24V	1 = Cable PVC 2mt	R = Radial	0 = None		360 = 360 1.024 = 1.024 4.096 = 4.096 ... Max 4.096	
			3 = GRAY/BIN TTL 5V						
			Software programmierbar / Programmable by software			Max 6 BIT + Strobe + Parity + Preset			
			U = Push-Pull 5/28V	A = Cable PUR 1mt B = Cable PUR 29 cm	R = Radial	0 = None		PR 01	

Anschlüsse / Connections

	0 Volt	+ Volt	2 ⁰	2 ¹	2 ²	2 ³	2 ⁴	2 ⁵	2 ⁶	2 ⁷	2 ⁸	2 ⁹	2 ¹⁰	2 ¹¹		
Kabel Standard / Standard Cable	SCHWARZ / BLACK	BLAU / BLUE	BRAUN / BROWN	BEIGE / BEIGE	GRÜN / GREEN	GELB / YELLOW	ROSA / PINK	VIOLETT / VIOLET	ORANGE / ORANGE	TRANSPARENT / TRANSPARENT	WEISS-ROT / WHITE-RED	WEISS-BLAU / WHITE-BLUE	GRÜN-WEISS / GREEN-WHITE	VIOLETT-WEISS / VIOLET-WHITE		

	0 Volt	+ Volt	2 ⁰ (D0)	2 ¹ (D1)	2 ² (D2)	2 ³ (D3)	2 ⁴ (D4)	2 ⁵ (D5)	STROBE	PARITY
Kabel PUR / PUR Cable	BLAU / BLUE	BRAUN / BROWN	WEISS / WHITE	GELB / YELLOW	GRÜN / GREEN	VIOLETT / VIOLET	GRAU / GRAY	ROT / RED	SCHWARZ / BLACK	ROSA / PINK

Programm-Software über USB-Anschluss / Programming Software by USB port

The software interface is divided into several sections:

- Prima Posizione [A]**: Shows the first position value as '1'.
- Ultima Posizione [B]**: Shows the last position value as '16'.
- Codice [C]**: Radio buttons for Binario, Gray, and BCD.
- Conteggio [E]**: Radio buttons for S.O. and A.O.
- Strobe [D]**: STROBE abilitato Alto Basso quando è. durata (*) - MAX 23°:
- Posizioni Nulle [F]**: durata (*) - MAX 23°:
- Assegnamento Canali [G]**: D0-D5, PAR, STR dropdown menus.
- Parità [H]**: Dispari Pari

The timing diagram shows signals for POS, D0, D1, D2, D3, D4, D5, STR, and PAR over 16 positions. The D1-D5 signals show a binary-coded position value. The STR signal shows a pulse at each position. The PAR signal shows a pulse for odd positions.

At the bottom, there is a **hohner** logo, a **><PULSE** logo, a Mostra suggerimenti checkbox, a power button, and buttons for **Connetti**, **Leggi**, and **Scrivi**.

