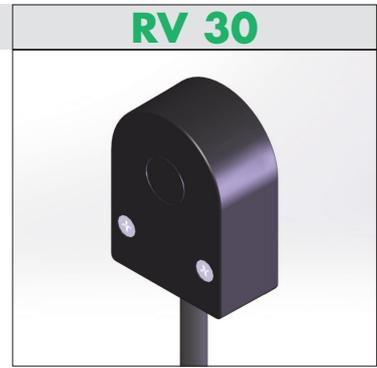


Incremental shaft encoder RV 30

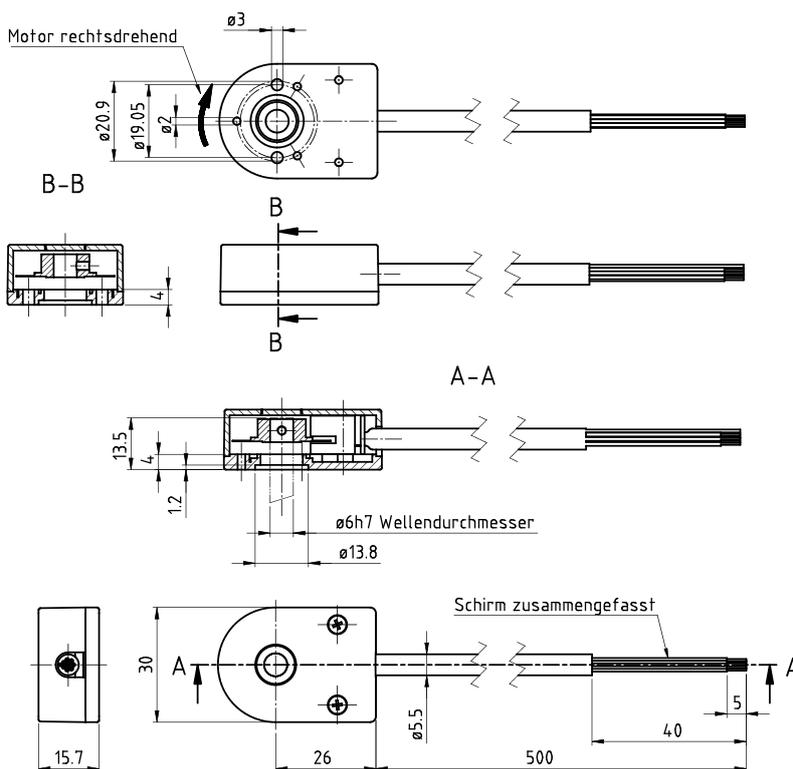
Characteristics: The optoelectronic shaft encoder series RV can be mounted to all motor series of "GEFEG-NECKAR". The shaft encoder is available for impulses up to 1024. RV 30 has 6 signal outputs and is available in ingress protection IP40.



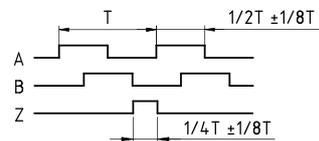
Technical data:

Type	RV 30
Operating voltage:	+5V +/- 5% DC
Operating current:	=< 120mA
Frequency:	0-100kHz
Output signals:	6 square wave signals (A, B, 0 and negated)
Output phase difference:	90 degree +/- 45 degree
Output current:	0 bis 5 mA
Impulses per revolution:	Channel A and B = 50 to 1024 – see table* Channel \bar{A} and \bar{B} = 50 to 1024 – see table*
Reference signal:	yes 1- impetus per rotation
Deviation of the phase shift:	1/12T max.
Deviation of the pulse width:	1/12T max.
Operating temperature:	-20 degree to +85 degree Celsius
Ingress protection:	IP 40

Dimensiones / Wiring diagrams:



Signalkurve Spur A/B/Z bei Motor rechtsdrehend



Anschluss RV 30	
GND 0V	schwarz
Vcc +5V= (±10%)	rot
A+	grün
A-	braun
B+	weiß
B-	grau
Z+	gelb
Z-	orange

Impulszahl	Teile Nr.
50	966910022
100	966910023
200	966910024
256	966910025
360	966910026
400	966910027
500	966910016
512	966910028
1000 #	966910029
1024 #	966910040

= nur A+B Spur