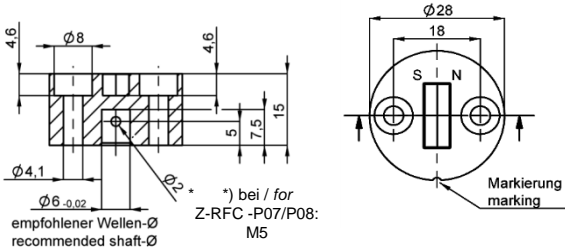
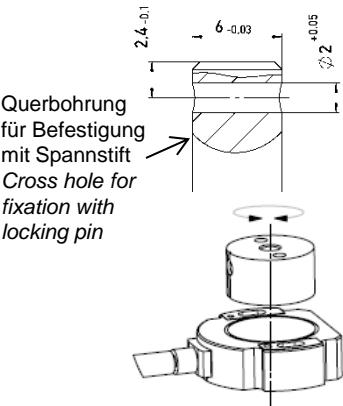


### Z-RFC-P01 / P02 / P07 / P08 / P41 / P47



**Bei / for Z-RFC-P01/P02**  
**Ausführung Welle (empfohlen)**  
**Recommended shaft setup**

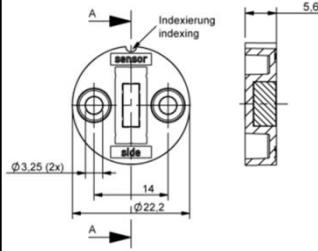


Indexpunkt / Index position

**Montagehinweise**  
**Installation instructions**

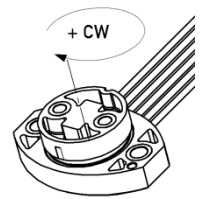
Axiale Montage mit 2 Schrauben M4 x 20, max. Drehmoment 300 Ncm  
 Radiale Montage mit Gewindestift M5, max. Drehmoment 120 Ncm  
 Axial mounting with 2 screws M4 x 20, max. tightening torque 300 Ncm  
 Radial mounting with threaded pin M5, max. tightening torque 120 Ncm

### Z-RFC-P30



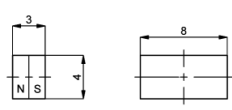
**Montagehinweise**  
**Installation instructions**

Axiale Montage mit 2 Schrauben M3 x 8, max. Drehmoment 200 Ncm  
 Axial mounting with 2 screws M3 x 8, max. tightening torque 200 Ncm

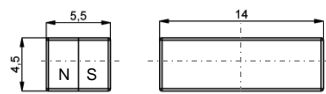


Indexpunkt / Index position

### Z-RFC-P03

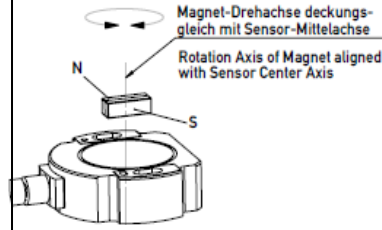


### Z-RFC-P04



**Montagehinweise**  
**Installation instructions**

Nicht mechanisch belasten. Einkleben mit anaerobem Klebstoff z.B. Weicon AN 306-30 in nicht-magnetisches Material (empfohlen)  
 Avoid mechanical load. Glue in place with anaerobic glue e.g. Weicon AN 306-30, in not magnetizable material (recomm.)



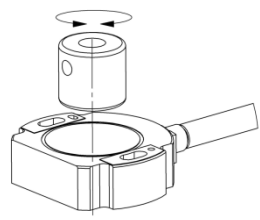
Indexpunkt / Index position

### Z-RFC-P23 / P43

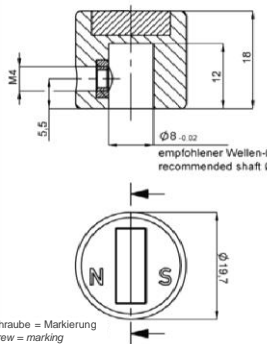
**Ausführung Welle (empfohlen)**  
**Recommended shaft setup**

Kann unbearbeitet sein, aber eine Abflachung an der Schraubenaufgabe wird empfohlen für Befestigung mit Gewindestift

May be without treatment, but a flattening is recommended at screw pressing point for fixation with threaded pin



Indexpunkt / Index position



**Montagehinweise**  
**Installation instructions**

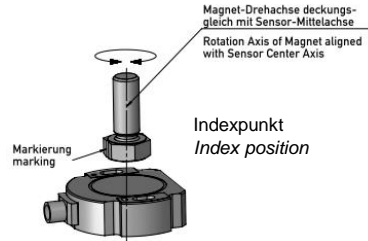
Radiale Montage mit Gewindestift M4, max. Drehmoment 100 Ncm

Radial mounting with threaded pin M4, max. tightening torque 100 Ncm

**Montagehinweise / Installation instructions**

Direkte Verschraubung oder Sicherung mit Befestigungsmutter. Eine Verdrehsicherung des Positionsgebers wird unbedingt empfohlen.

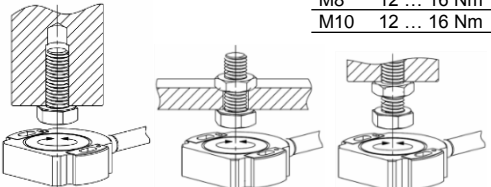
Directly screwed or secured by mounting nut. It is absolutely recommended to secure the position marker against rotation.



Max. Drehmoment / max. tightening torque

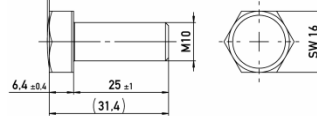
Z-RFC-P16	Z-RFC-P18
Z-RFC-P17	Z-RFC-P19
Z-RFC-P20	

M8	12 ... 16 Nm	6 Nm
M10	12 ... 16 Nm	10 Nm



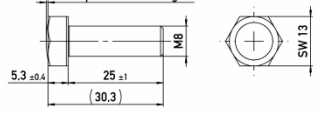
### Z-RFC-P16\*

~ 0.5 Magnetschutz protection of magnet



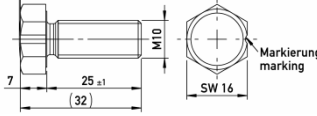
### Z-RFC-P17\*

~ 0.5 Magnetschutz protection of magnet



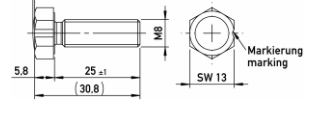
### Z-RFC-P18

~ 0.2 Magnetschutz protection of magnet

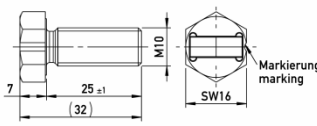


### Z-RFC-P19

~ 0.2 Magnetschutz protection of magnet



### Z-RFC-P20



\*) Positionsgeber drehen bis Ausgangssignal innerhalb Kennlinie ist  
 \*) Rotate position marker until output signal is within output characteristic

Arbeitsabstände (in mm) : Abstand zwischen Positionsgeber und Sensorgehäuse Working distances (in mm) : distance between position marker and sensor housing												
Baureihe series	Schnittstelle interface	Z-RFC-___										
		P01 / P07	P02 / P08	P03	P04	P16 / P18	P17 / P19	P20	P23	P30	P41 / P47	P43
RFC-4801/4802/ 4853/4854/ 4861/4862	-6_ _ _ _ _ analog single -2_ _ - 8_ _ _ _ SPI	0 ... 1,5	0 ... 4	0 ... 1,5	0 ... 4	0 ... 4,5	0 ... 2,2	0 ... 4	0 ... 4	0 ... 1,5	0 ... 2,7	0 ... 2,7
RFC-4801/4802/ 4853/4854/ 4861/4862	-7_ _ _ _ _ analog red. -8_ _ _ _ _ analog red.	0 ... 1,5	0 ... 4	0 ... 1,5	0 ... 4	0 ... 4	0 ... 1,7	0 ... 4	0 ... 4	0 ... 1,5	0 ... 2,3	0 ... 2,3
RFC-4801/4802	-2_ _ - 4_ _ _ _ SSI -2_ _ - 5_ _ _ _ Incremental	-	0 ... 1,4	-	0 ... 1,4	-	-	0 ... 1,4	0 ... 1,4	-	-	-
RFC-4851/4852	-6_ _ _ _ _ analog single -2_ _ - 61_ _ _ CAN single -2_ _ - 65_ _ _ CAN single -2_ _ - A_ _ _ _ IO-Link single	0,7 ... 2,2	2,3 ... 5	0,7 ... 2,2	2,3 ... 5	0 ... 4,5	0 ... 2,2	2,3 ... 5	2,3 ... 5	0,7 ... 2,2	0 ... 2,7	0 ... 2,7
RFC-4851/4852	-7_ _ _ _ _ analog red. -8_ _ _ _ _ analog red. -2_ _ - 62_ _ _ CAN red. -2_ _ - 66_ _ _ CAN red.	0,3 ... 1,8	1,9 ... 4,5	0,3 ... 1,8	1,9 ... 4,5	0 ... 4	0 ... 1,7	1,9 ... 4,5	1,9 ... 4,5	0,3 ... 1,8	0 ... 2,3	0 ... 2,3
RFC-4863/4864	-6_ _ _ _ _ analog single	0,7 ... 2,2	2,3 ... 5	0,7 ... 2,2	2,3 ... 5	0 ... 4	0 ... 2,2	2,3 ... 5	2,3 ... 5	0,7 ... 2,2	0 ... 2,7	0 ... 2,7
RFC-4863/4864	-7_ _ _ _ _ analog red. -8_ _ _ _ _ analog red.	0,3 ... 1,8	1,9 ... 4,5	0,3 ... 1,8	1,9 ... 4,5	0 ... 3,5	0 ... 1,7	1,9 ... 4,5	1,9 ... 4,5	0,3 ... 1,8	0 ... 2,3	0 ... 2,3
RFA-4001	-6_ _ _ _ _ analog single	-	-	1 ... 3	2,8 ... 6,2	-	-	2,8 ... 6,2	2,8 ... 6,2	-	-	-
RFA-4001	-7_ _ _ _ _ analog red. -8_ _ _ _ _ analog red.	-	-	0,6 ... 2,6	2,8 ... 6,2	-	-	2,8 ... 6,2	2,8 ... 6,2	-	-	-
RFD-4021/4031	-6_ _ _ _ _ analog single	-	-	1 ... 3	2,8 ... 6,2	0 ... 5	0 ... 2,8	2,8 ... 6,2	2,8 ... 6,2	1,2 ... 2,7	-	0,9 ... 3,4
RFD-4021/4031	-7_ _ _ _ _ analog red. -8_ _ _ _ _ analog red.	-	-	0,6 ... 2,6	2,8 ... 6,2	0 ... 4,5	0 ... 2,3	2,8 ... 6,2	2,8 ... 6,2	0,7 ... 2,3	-	0,5 ... 2,9
RFX-6901	-6_ _ _ _ _ analog single -7_ _ _ _ _ analog red. -8_ _ _ _ _ analog red.	-	0,3 ... 3,5	-	0,3 ... 3,5	0 ... 2,5	-	0,3 ... 3,5	0,3 ... 3,5	-	-	-
RFE-3201	-6_ _ _ _ _ analog single -2_ _ - 61_ _ _ CAN single -2_ _ - 65_ _ _ CAN single	-	-	0,7 ... 2,2	2,3 ... 5	0 ... 4,5	0 ... 2,2	2,3 ... 5,0	2,3 ... 5,0	0,7 ... 2,2	-	0 ... 2,7
RFE-3201	-7_ _ _ _ _ analog red. -8_ _ _ _ _ analog red. -2_ _ - 62_ _ _ CAN red. -2_ _ - 66_ _ _ CAN red.	-	-	0,3 ... 1,8	1,9 ... 4,5	0 ... 4	0 ... 1,7	1,9 ... 4,5	1,9 ... 4,5	0,3 ... 1,8	-	0 ... 2,3

Seitlicher Versatz von Sensor und Positionsgeber erzeugt eine zusätzliche Linearitätsabweichung.  
Es ist daher auf konzentrischen Einbau zu achten.



*Lateral offset of sensor and position marker causes an additional linearity error.  
A concentric mounting has to be ensured.*

Zusätzlicher Fehler [*] bei Radialversatz Additional error [*] at radial displacement																
Baureihe series	Schnittstelle interface	Z-RFC-P02 / P04 / P08 / P20 / P23			Z-RFC-P41 / P43 / P47			Z-RFC-P01 / P03 / P07 / P30			Z-RFC-P16 / P18			Z-RFC-P17 / P19		
		0,5 mm	1 mm	2 mm	0,5 mm	1 mm	2 mm	0,5 mm	1 mm	2 mm	0,5 mm	1 mm	2 mm	0,5 mm	1 mm	2 mm
RFA-40_ _	-6_ _ _ _ _ analog single *															
RFC-48_ _	-2_ _ - 8_ _ _ _ SPI															
RFD-40_ _	-2_ _ - 61_ _ _ CANsingle	0,4	1,1	3,5	0,4	1,1	3,5	1,4	3,7	-	0,7	1,3	3,3	1,3	2,6	-
RFE-32_ _	-2_ _ - 65_ _ _ CAN single															
RFX-69_ _	-2_ _ - A_ _ _ _ IO-Link single															
RFA-40_ _	-7_ _ _ _ _ analog red. *															
RFC-48_ _	-8_ _ _ _ _ analog red. *															
RFD-40_ _	-2_ _ - 62_ _ _ CAN red.							2,5	6,4	-				2,3	4,5	
RFE-32_ _	-2_ _ - 66_ _ _ CAN red.	0,7	1,8	5,2	0,7	1,8	5,2				1,1	2	4,6			
RFX-69_ _	-6_ _ _ _ _ analog single															
	-7_ _ _ _ _ analog red.															
	-8_ _ _ _ _ analog red.															
RFC-48_ _	-2_ _ - 4_ _ _ _ SSI	0,4	0,7	2,2	-	-	-	-	-	-	-	-	-	-	-	-
	-2_ _ - 5_ _ _ _ Incremental															

\* außer RFX / except RFX