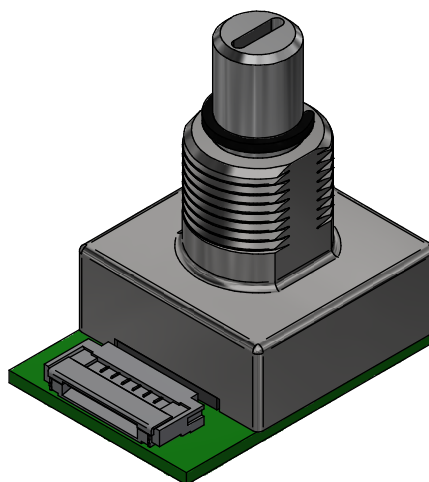
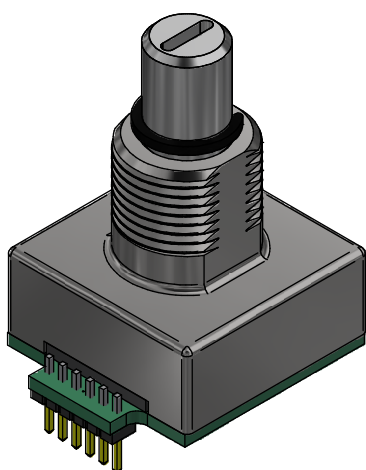


584 INCREMENTAL ENCODER WITH PUSH

584



584

AUSFÜHRUNG

- + Inkremental Encoder mit Push
- + 16 Schaltstellungen
- + Vertikale Betätigung

CONSTRUCTION

- + Incremental Encoder with push
- + 16 positions
- + Operated vertically

ANSCHLÜSSE

Leiterplatte und Steckverbinder

PINING

PCB and connector

ABMESSUNGEN

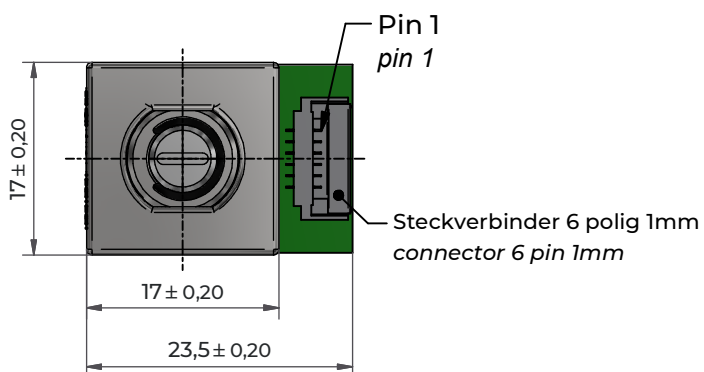
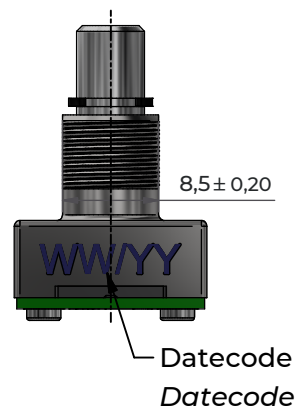
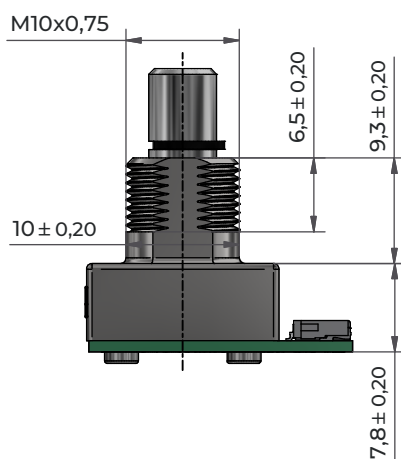
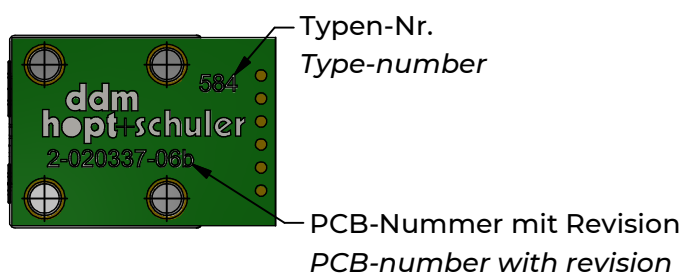
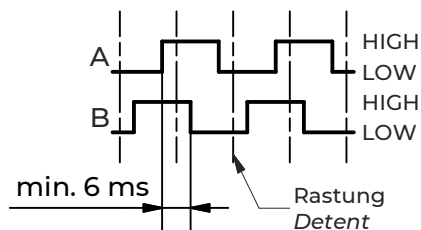
17,0 x 17,0 (23,5) x 9

DIMENSIONS

17,0 x 17,0 (23,5) x 9

AUSFÜHRUNG CONSTRUCTION	Schaltweise Encoder Schaltweise Tastschalter Anschlußmaße, Raster	Gabellichtschranke Inkremental Schnappscheibe Leiterplatte mit Steckverbinder
	<i>Switching mode encoder Switching mode push-button switch Connection dimensions, grid</i>	<i>Incremental fork light barrier Snap disc Circuit board with connector</i>
ELEKTRISCHE DATEN ELECTRICAL DATA	Schaltspannung Stromaufnahme Elektr. Widerstand Push Kontaktprellen Push Ausgangsbelegung Encoder Ausgangsbelegung Push Signallänge	3,3 VDC max. 20 mA max. 10 Ohm < 2 ms (make & break) Ausgang "A" und "B" Ausgang "D" und "E" potentialfrei min. 6 ms bei 60 U/min
	<i>Ratings Power consumption Electrical resistance push Contact bouncing Output assignment encoder Output assignment push Signal length</i>	<i>3,3 VDC max. 20 mA max. 10 Ohm < 2 ms (make & brake) output "A" and "B" output "D" and "E" potential free min. 6 ms at 60 rpm</i>
MECHANISCHE DATEN MECHANICAL DATA	Anzahl der Rastpositionen Lebensdauer Drehen Lebensdauer Drücken Drehmoment Tastkraft Tastweg Achsrundlauf Achsdruk- und Zugkraft Gewindeanzugsmoment Max. Drehgeschwindigkeit	16 Rastpos. (=22,5° Rastwinkel) / 8 Pulse 1 Mio. Umdrehungen (500 k Zyklen) 1 Mio. Betätigungen 3 Ncm (Neuzustand) 4,5 N (Neuzustand) 0,65 mm (Neuzustand) max. 0,254 mm Radialspiel ± 3° max in jede Richtung Druck: 200 N / Zug: 100N 1 Nm maximum (Zink-Druckguss Variante) 200 Umdr. / Minute
	<i>Number of positions Operating life (turn) Operating life (push) Torque Push force Push travel Axial runout Shaft pressure and tensile force Thread tightening torque Max. turning speed</i>	<i>16 positions (=22,5° detent angle) / 8 pulse 1 million Umdrehungen (500 k cycles) 1 million operations 3 Ncm (new conditions) 4,5 N (new conditions) 0,65 mm (new conditions) max. 0,254 mm radial play ±° max in every direction Push: 200 N / Pull: 100 N 1 Nm max (zinc diecast) 200 rpm</i>
UMGEBUNGS- BEDINGUNGEN ENVIRONMENTAL CONDITION	Dichtigkeit Lagertemperatur Betriebstemperatur Rel. Luftfeuchtigkeit (Betrieb)	IP67 (zwischen Achse und Gehäusefront) -40°C - +80°C -30°C - +80°C 100 % bei +40°C (nicht kondensierend) / +85°C max. 13%
	<i>Sealing Storage temperature Operating temperature Humidity</i>	<i>IP67 (between shaft and housing front) -40°C - +80°C -30°C - +80°C 100% by +40°C (not condensing) / +85°C max 13%</i>

Impulsbild in CW-Richtung
Impulse diagram in CW direction

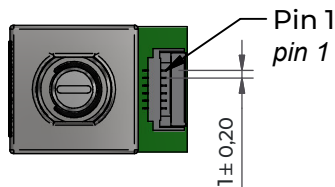
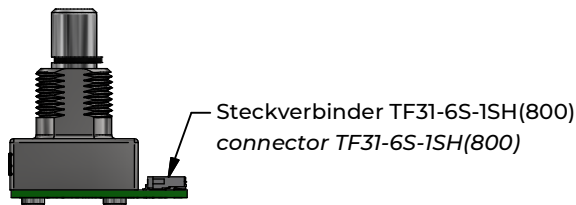


Pinbelegung	
Pin	Signal
1	GND
2	Push D
3	Push E
4	Inkrement B
5	Inkrement A
6	VCC +3,3V

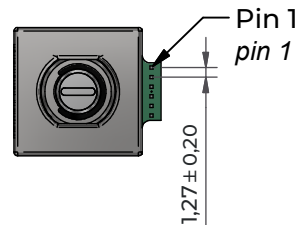
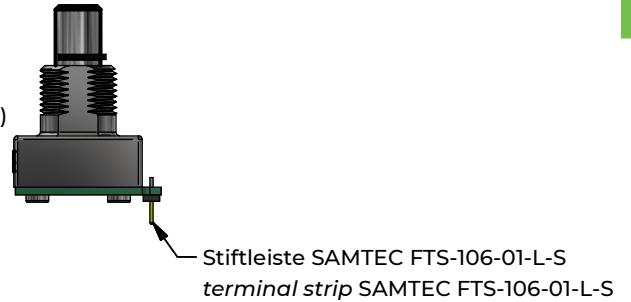
Pos. 6 SCHALTERAUSFÜHRUNG / SWITCH VERSION

5	8	4	-	1	6	1	1	1	0	1	2		1
---	---	---	---	---	---	---	---	---	---	---	---	--	---

1 Vertikale Betätigung
operated vertically



2 Vertikale Betätigung
operated vertically



Pos. 7 TASTKRAFT | TACTILE FORCE

5	8	4	-	1	1	7	1	1	1	0	1	2		1
---	---	---	---	---	---	---	---	---	---	---	---	---	--	---

1 4,5 N (Schnappscheibe blank)
4,5 N (dome blanc)

Pos. 8 RASTUNGSDREHMOMENT / DETENT - TORQUE

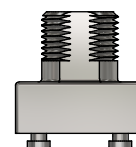
5	8	4	-	1	1	1	8	1	1	0	1	2		1
---	---	---	---	---	---	---	---	---	---	---	---	---	--	---

1 3,0 Ncm
3,0 Ncm

Pos. 9 GEHÄUSE / HOUSING

5	8	4	-	1	1	1	1	9	1	0	1	2		1
---	---	---	---	---	---	---	---	---	---	---	---	---	--	---

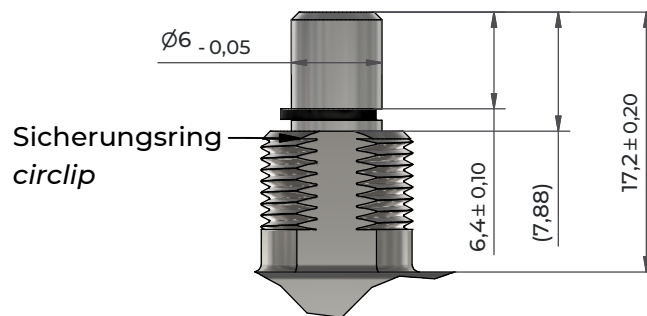
1 Gewindegehäuse M10x0,75 (Zinkdruckguss)
Threaded housing M10x0,75 (zinc die cast)



Pos. 10/11 ACHSAUSFÜHRUNG | SHAFT VERSION

10/11
5 8 4 - 1 1 1 1 1 0 1 2 1

0 1 Achse rund
shaft round



Pos. 12 ACHSWERKSTOFF / SHAFT-MATERIAL

12
5 8 4 - 1 1 1 1 1 0 1 2 1

2 Edelstahl
stainless steel

Pos. 13 DICHTUNG | SEALING

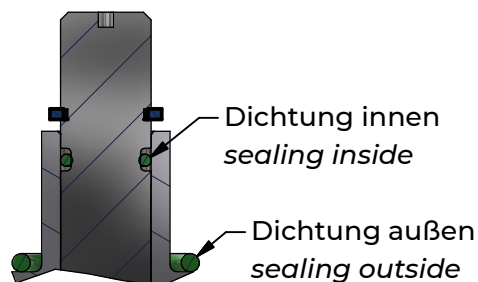
13
5 8 4 - 1 1 1 1 1 0 1 2 1

0 ohne Dichtung
without sealing

2 Dichtung außen
sealing outside

1 Dichtung innen
sealing inside

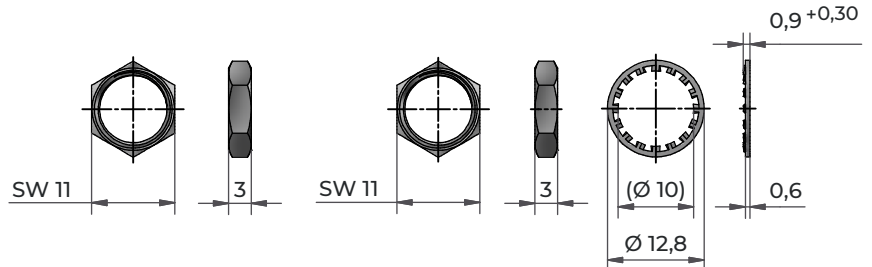
3 Dichtung innen und außen
sealing inside and outside



Pos. 14 ZUBEHÖR | ACCESSORIES

5 8 4 - 1 1 1 1 1 0 1 2 14 1

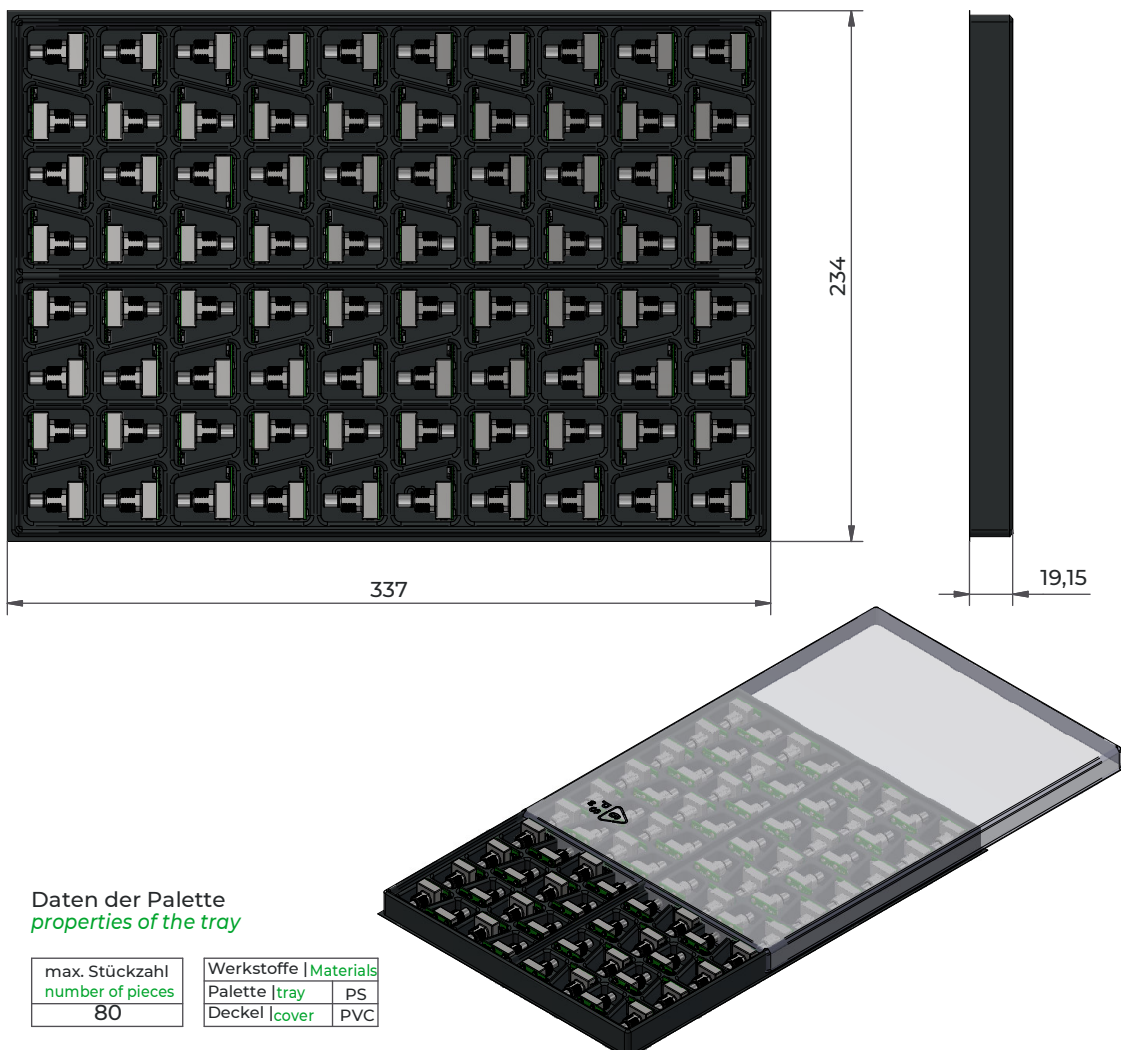
- 0** ohne Zubehör
without accessories
- 1** mit Mutter
with nut
- 3** mit Mutter und Zahnscheibe
with nut and toothed washer

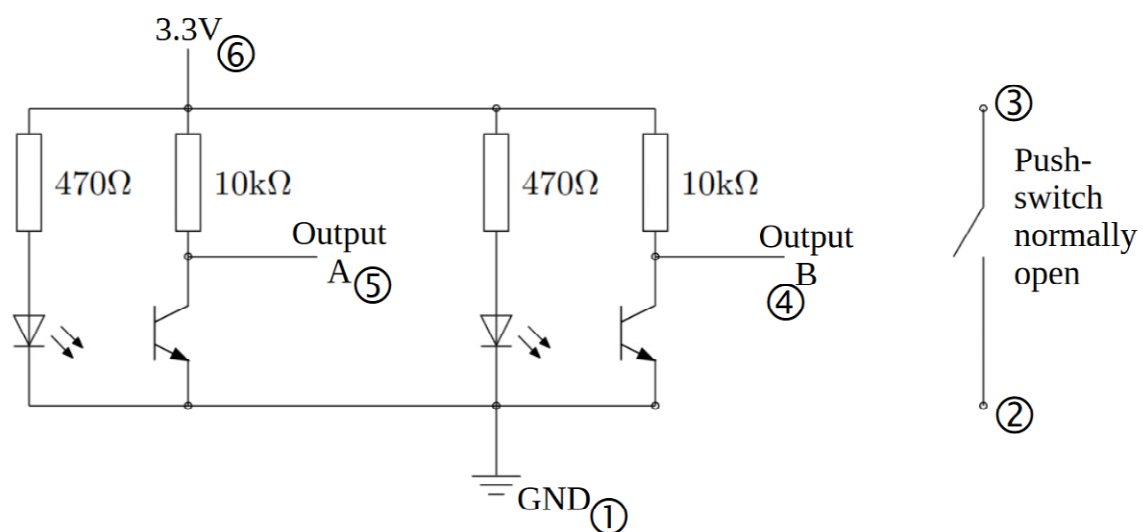


Pos. 15 VERPACKUNG | PACKAGING

5 8 4 - 1 1 1 1 1 0 1 2 15 1

- 1** Palette
Tray





Anschrift | Address

Firma:
Company:Datum:
Date:Adresse:
Address:Tel.:
Phone:Name:
Name:Fax:
Fax:Kundenr.:
Customer No.:E-Mail:
E-Mail:

Bestellschlüssel | ordering code

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	5	8	4	-	1		1	1	1	0	1	2			1
Schalterausführung switch version															
Tastkraft tactial force															
Rastungsdrehmoment detent - torque															
Gehäuse housing															
Achsausführung shaft version															
Achswerkstoff shaft material															
Dichtung sealing															
Zubehör accessories															
Verpackung packaging															

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