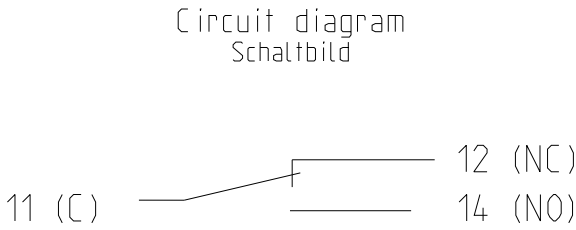
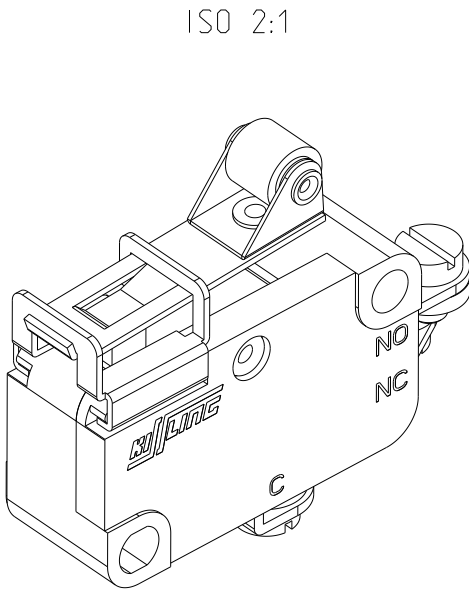
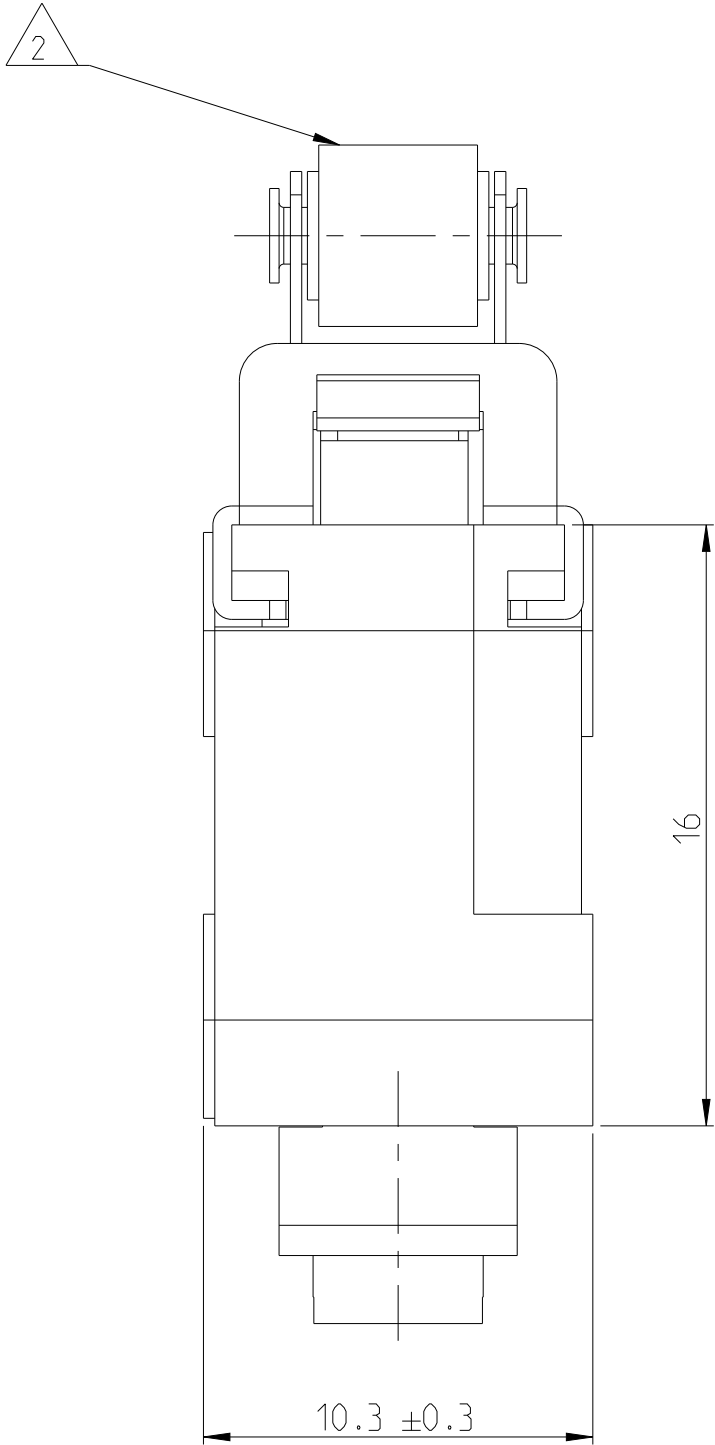
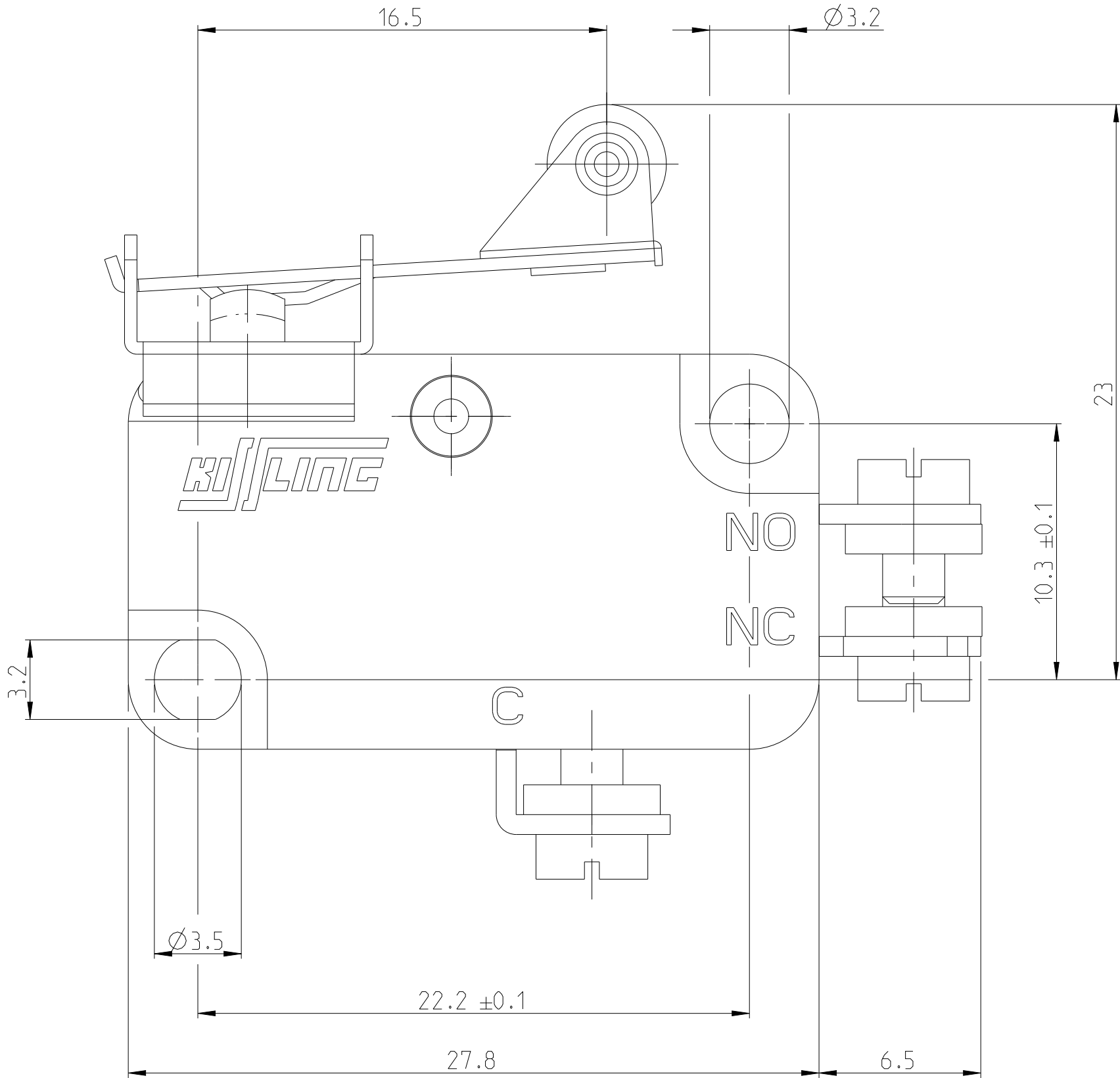


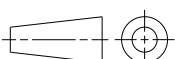
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	TE STANDARD	06SEP2024	KS	RB

- NOTES
Bemerkungen:
- 1

TE-CONNECTIVITY ORDER-NUMBER
TE-Connectivity Bestellnummer
- 2

ROLLER Ø5 - 5 WIDE
MATERIAL: POM
Rolle Ø5 - 5 breit
Werkstoff: POM



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	06SEP2024		 TE Connectivity		MICRO SWITCH		9		1				
		CHK	06SEP2024				MICROSCHALTER								
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		MICRO SWITCH		REV.		DESCRIPTION		WEIGHT [g]		ITEM NO.	
mm		DIN ISO 2768 ct		APVD		06SEP2024		U.Grindemann							
		PRODUCT SPEC		MICROSCHALTER											
		APPLICATION SPEC													
MATERIAL		FINISH		WEIGHT		A2		00779		C=MZX1-301-305		RESTRICTED TO		-	
				CUSTOMER DRAWING		SCALE		5:1		SHEET		1 OF 2		REV A	

4

3

2

I

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

CONSTRUCTION

HOUSING MATERIAL.....THERMOPLAST GF

COVER MATERIAL.....THERMOPLAST GF

CONNECTION.....SCREWS M2.6x4 ISO 1207

PROTECTION INTERIOR.....IP 40 IEC 60 529

CONNECTIONS.....IP 00 IEC 60 529

MECHANICAL DATA

PRE-TRAVEL.....1.5 to 2.5mm

OVERTRAVEL.....>0.8 mm

MOVEMENT DIFFERENTIAL.....0.3 TO 1 mm

OPERATING FORCE.....0.35 TO 0.9 N

RELEASE FORCE.....>0.2 N

MAX OPERATING FORCE.....<10 N

CURRENT CARRYING PARTS.....CuZn-ALLOY

CONTACT MATERIAL.....Ag

LIFE CYCLE MECHANICAL.....10 MILLION

FREQUENCY.....200 PER MINUTE

OPERATING SPEED IN DIRECTION OF PLUNGER.....MAX. 0.5m/s

AMBIENT TEMPERATURE.....-40°C TO +85°C

ELECTRICAL DATA

VOLTAGE.....250V AC 24V DC

CONTINUOUS CURRENT.....10.1 A

SWITCHING CAPACITY.....250 V AC. 13 A RESISTIVE LOAD

.....250VAC. 9 A COS. ϕ=0.8

.....250VAC. 5 A COS. ϕ=0.6

.....250VAC. 3 A COS. ϕ=0.4

.....24VDC. 6A RESISTIVE LOAD

.....24VDC. 2A L/R = 50ms

SWITCHING CAPACITY MIN.....12 V DC. 10mA

FOR LOWER VOLTAGES OR CURRENTS WE RECOMMEND SWITCHES WITH GOLD-PLATED CONTACTS

Aufbau

Gehaeusewerkstoff.....Thermoplast GF

Deckelwerkstoff.....Thermoplast GF

Anschluss.....Schraubanschluss M2,6x4 ISO 1207

Schutzart Innenraum.....IP 40 IEC 60 529

Anschluesse.....IP 00 IEC 60 529

Mechanische Daten

Vorlauf.....1,5 bis 2,5 mm

Nachlauf.....>0,8 mm

Differenzweg.....0,3 bis 1 mm

Schaltkraft.....0,35 bis 0,9 N

Rueckschaltkraft.....>0,2 N

Betaetigungskraft max.....<10 N

Stromfuehrende Teile.....CuZn-Legierung

Kontaktwerkstoff.....Ag

Lebensdauer mechanisch.....10 Mio.

Schalthaeufigkeit.....200 pro Minute

Betaetigungsgeschwindigkeit in Stoesselrichtung.....max. 0,5 m/s

Umgebungstemperatur.....-40°C bis +85°C

Elektrische Daten

Nennspannung..... .250 V AC 24 V DC

Dauerstrom.....10,1 A

Schaltvermoegen.....250 V AC. 13 A ohmsche Last

.....250 V AC. 9 A cos. ϕ =0,8

.....250 V AC. 5 A cos. ϕ =0,6

.....250 V AC. 3 A cos. ϕ =0,4

.....24 V DC. 8 A ohmsche Last

.....24 V DC. 2 A L/R = 50 ms

Schaltleistung min.....12 V DC. 10 mA

fuer kleinere Spannungen bzw. Stroeme empfehlen wir Schalter mit vergoldeten Kontakten

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
P.Srikant
06SEP2024

CHK
K.Seeger
06SEP2024

APVD
U.Grindemann
06SEP2024

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
DIN ISO 2768 cl

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±
FINISH

MATERIAL

TE

TE Connectivity

NAME

MICRO SWITCH
Mikroschalter

SIZE

A2

CAGE CODE

00779

DRAWING NO

©=MZX1-301-305

RESTRICTED TO

-

SCALE

5:1

SHEET

2

OF

2

REV

A