

REVISIONS

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

CONSTRUCTION
HOUSING MATERIAL.....PBT 
COVER MATERIAL.....PBT
CONNECTIONS.....SCREW CONNECTION M3X5 ISO 1580
PROTECTION, INTERIOR.....IP 40 IEC 60 529
CONNECTIONS.....IP 00 IEC 60 529

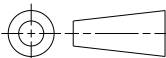
MECHANICAL DATA
OVERTRAVEL.....>1 mm
MOVEMENT DIFFERENTIAL.....0.05 TO 0,3mm
OPERATING FORCE.....1.5 TO 3N
RELEASE FORCE.....>1 N
OPERATING FORCE MAX.....<10 N
CURRENT CARRYING PARTS.....Cu-ALLOY
CONTACT MATERIAL.....AgNi10
LIFE CYCLE MECHANICAL30 MILLION
FREQUENCY.....200 PER MINUTE
OPERATING SPEED 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, 13A RESISTIVE LOAD
.....250 V AC, 9A cos. φ =0.8
.....250 V AC, 5 A cos. φ =0.6
.....250 V AC, 3A cos. φ =0.4
.....24 V DC, 8A RESISTIVE LOAD
.....24 V DC, 2A L/R = 50ms
SWITCHING CAPACITY MIN.....12 V DC, 10mA
FOR LOWER VOLTAGES OR CURRENTS WE RECOMMEND SWITCHES WITH GOLD-PLATED CONTACTS

Aufbau
Gehäusewerkstoff.....PBT 
Deckelwerkstoff.....PBT
Anschluss.....Schraubanschluss M3x5 ISO 1580
SchutzartInnenraum.....IP 40 IEC 60 529
Anschlüsse.....IP 00 IEC 60 529

Mechanische Daten
Nachlauf.....>1 mm
Differenzweg.....0.05 bis 0,3 mm
Schaltkraft.....1.5 bis 3N
Rückschaltkraft.....>1 N.
Betätigungskraft max.....<10 N
Stromführende Teile.....Cu-Legierung
Kontaktwerkstoff.....AgNi10
Lebensdauer mechanisch.....30 Mio.
Schalthäufigkeit.....200 pro Minute
Betätigungsgeschwindigkeit in Stoßelrichtung.....max. 0,5 m/s
Umgebungstemperatur.....-40°C bis +85°C

Elektrische Daten
Nennspannung.....250 V AC 24 V DC
Dauerstrom.....10.1 A
Schaltvermögen.....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
für kleinere Spannungen bzw. Ströme empfehlen wir Schalter mit vergoldeten Kontakten

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K.Braun	11JUN2003	TE Connectivity			
		CHK A.O.Walz	11SEP2019				
		APVD R.Stockinger	11SEP2019				
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 cL	PRODUCT SPEC		NAME MICROSWITCH Mikroschalter			
	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	APPLICATION SPEC					
MATERIAL	FINISH	WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
				A3	00779	©=MZX1-361-309-904	-
CUSTOMER DRAWING				SCALE	SHEET		REV
				2:1	2 OF 2		B