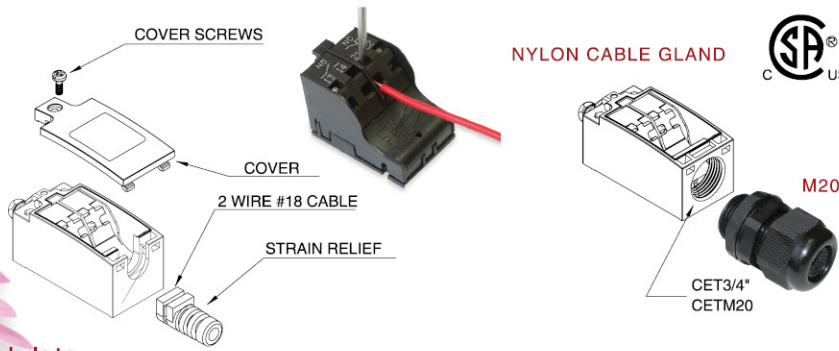


## ► M8 SERIES Positive Opening Limilt Switches 強制脫離 行程開關



### Technical data

<b>General</b>			
Standards	IEC/EN 60947		
Climatic proofing	Damp heat, constant., to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30		
Ambient temperature	°C	-25/+70	
Mounting position	As required		
Degree of protection	IP66, IP65 for "T" Type with rubber strain		
<b>Contacts/switching capacity</b>			
Rated impulse withstand	Uimp	VAC	4000
<b>Voltage</b>			
Rated insulation voltage	Ui	V	400
Overvoltage category/pollution degree	III/3		
<b>Rated operational current</b>			
AC-15	24V	Ie	A
	230V/240V	Ie	A
	400V/415V	Ie	A
DC-13	24V	Ie	A
	110V	Ie	A
	220V	Ie	A
<b>Control circuit reliability</b>			
at 24 V DC/5 mA	Hr	Fault probability	<10 <sup>-7</sup> , <1 failure at 10 <sup>7</sup> operations
at 5 V DC/1 mA	Hr	Fault probability	<10 <sup>-6</sup> , <1 failure at 5x10 <sup>6</sup> operations
Supply frequency	Hz	max.400	
<b>Short-circuit rating in the closed state (IEC/EN 60947-5-1)</b>			
Fuseless	Type	PKZM0-10 FAZ-B6/1	
Max.fuse	A gG/gL	10	
<b>Short-circuit rating to IEC/EN 60947-5-1</b>			
Max.fuse	A gG/gL	6	
Repetition accuracy	mm	±0.02	

<b>Mechanical variables</b>			
Lifespan			
Standard-action contact	Operations	x10 <sup>6</sup>	8
Snap-action contact	Operations	x10 <sup>6</sup>	8
Contact temperature of roller head		°C	≤100
Mechanical shock resistance(half-sinusoidal shock,20 ms)			
Standard-action contact		g	25
Snap-action contact		g	2
Basic unit		g	-
Operating frequency	Operations/h		≤6000
<b>Actuation</b>			
<b>Mechanical</b>			
Actuating force at beginning/end of stroke			
Basic units	8601	N	1.0/8.0
	8611	N	1.0/8.0
	8602	N	1.0/8.0
	8603	N	1.0/8.0
Actuating torque of rotary drives			
		Nm	0.2
<b>Max.operating speed with DIN cam</b>			
Basic units for angle of actuation	8601	a=0°/30°	m/s 1/0.5
	8604	a=0°	m/s 1.5
	8608	a=30°-L=125mm	m/s 1.5
	8607	L=130mm	m/s 1.5
	8602	a=30°/45°	m/s 1
	8603	a=30°/45°	m/s 1
	8611	a=0°/30°	m/s 1/1

**M8 - 8601**  
Type number

**A**  
Contact Category (A,B,C,D,E)

**T**  
With rubber strain relief



Type No:M8 Series IP66 (With tail)	8601A	8601B	8601C	8601D	8601E	8611A	8611E	8606E	8602A
	8601AT	8601BT	8601CT	8601DT	8601ET	8611AT	8611ET	8606ET	8602AT
Contacts M=Make B =Break ⊕=Positive opening safety function to IEC/EN 60947-5-1	1M 1B⊕	1M 1B⊕	2M -	- 2B⊕	1M 1B⊕	1M 1B⊕	1M 1B⊕	1M 1B⊕	1M 1B⊕
Circuit - Symbol Contact Sequence ■=Contact closed □=Contact open ZW=Positive opening Sequence									

