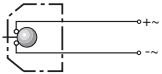
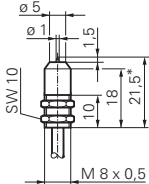
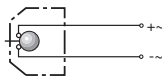
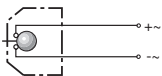
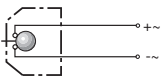
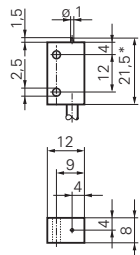
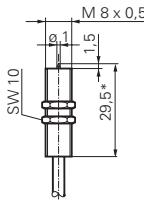
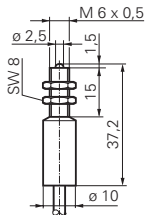


My-Com precision switches

My-Com A		My-Com B / My-Com BS	
			
activating force	30 gram force (cN)	My-Com A30/80	
	50 gram force (cN)	My-Com A50/80	
	75 gram force (cN)	My-Com A75/80	
	100 gram force (cN)	My-Com A100/80	
electrical data	max. AC voltage	24 VAC	
	max. switch. current AC	50 mA	
	max. DC voltage	15 VDC	
	max. switch. current DC	2 mA	
activating force	NPN 75 gram force (cN)		
	PNP 75 gram force (cN)		
electrical data	max. supply voltage		
	max. load current at 24 VDC		
	min. load resistance		
	output		
actuator tip housing		zirconium oxide ZrO2 brass nickel plated	
special features		protection class IP 50	
connection diagram / output function		 normally closed (NC) / break function	
options		for connector base version, remove .../80 and add .../S35 * length with connector base S35 approximately 30 mm	
		overrun 1,5 mm approx.	
			

My-Com precision switches

My-Com C	My-Com F	My-Com E
		
My-Com C30/80	My-Com F30/80	My-Com E75/80 My-Com E100/80
My-Com C50/80	My-Com F50/80	
My-Com C75/80	My-Com F75/80	
My-Com C100/80	My-Com F100/80	
24 VAC	24 VAC	24 VAC
50 mA	50 mA	50 mA
15 VDC	15 VDC	15 VDC
2 mA	2 mA	2 mA
zirconium oxide ZrO2 brass nickel plated	zirconium oxide ZrO2 brass nickel plated	hardened steel brass nickel plated
protection class IP 50	protection class IP 50	protection class IP 50
		
normally closed (NC) / break function	normally closed (NC) / break function	normally closed (NC) / break function
for connector base version, remove .../80 and add .../S35 * length with connector base S35 approximately 30 mm	for connector base version, remove .../80 and add .../S35 * length with connector base S35 approximately 38 mm	
overrun 1,5 mm approx.	overrun 1,5 mm approx.	overrun 0,8 - 1,2 mm approx.
		

Technical specifications

Technical characteristics

Mechanical data	
Repeatability	± 0,001 mm (1 micron)
Reset (Hysteresis)	≤ 0,002 mm
Mechanical lifetime	10'000'000 switchings
Switching frequency	0 - 10 Hz
Max. activating velocity	< 30 mm/s
Temperature range	-20 °C to + 75 °C (-5 °F to + 165 °F)
Standard cable length	80 cm
Standard conductor cross section	0,14 mm ²
Standard cable material	PVC
Protection class (standard)	IP 50

Transistor output
The My-Com types L, G and M are available with a transistorized output. When supplied with this configuration the output circuit is supplied normally open (NO). A protective diode is incorporated into the circuit to protect against transients.

LED indicator
The My-Com types with transistor output are available with LED output indicators.

Increased environmental protection (IP 67)
For applications in harsh environments (dust, oil, cooling fluid) we recommend the waterproof My-Com D, H or M. The My-Com type L, with transistor output, is also available with the same protection (IP 67). The sealing membrane for all of these is made of Viton.

Maximum installation torque
If the published installation torque specifications prove to be insufficient for your application, we recommend using a nut locking liquid to secure the My-Com. The published specifications for maximum torque must not be exceeded!

Wire color code	Max. torque figures	
BN = Brown	My-Com D	20 Nm
BK = Black	My-Com E	5,5 Nm
BU = Blue	All others	3,5 Nm

Part number key

Example	My-Com F 50 / 80	My-Com L 75 N 80 / L
Type _____	_____	_____
Activating force in gram force (cN) _____	_____	_____
Transistor output _____	_____	_____
N = NPN or P = PNP		
Cable length in cm _____	_____	_____
LED _____		_____