

# Miniature Contact Switches

Compact / NO (Normally Open)

■ **Features:** O.D. is M5 or Ø5, overall length is 17mm, (Regular) Miniature Contact Switches. For Mechanical / Electrical Specifications and Precautions for Use, **P.2095**

■ **Compact**

■ **Bolt**

Regular (IP40)  
**CMST**  
**N-CMST** (With LED)

Water-Proof (IP67)  
**CMSTW**  
**N-CMSTW** (With LED)

■ **Standard**

Regular (IP40)  
**CMSC**  
**N-CMSC** (With LED)

Water-Proof (IP67)  
**CMSCW**  
**N-CMSCW** (With LED)

Switch Main Body: Ø4.5, LED Lamp

Contact Part	Main Body	Cable	Accessory
Material	Hardness	Material	
SUS420	45HRC	SUS303	Cable 2m, Ø3 Oil-resistant, Min. Bending Radius R7 Hex Nut 2 pcs. (Thickness 2.4, Hex Socket 7)

■ **Bolt**

Part Number Type	Stroke	Operating Point	Contact Force N	Contact Logic	Unit Price 1 ~ 10 pc(s).	
					CMST, CMSTW	N-CMST, N-CMSTW
Regular (IP40) <b>CMST</b> <b>N-CMST</b>	1.5	No Pre-Travel (Repeatability 0.003)	0.5N	NC (Normally Closed)		
Water-Proof (IP67) <b>CMSTW</b> <b>N-CMSTW</b>			0.8N			

For orders larger than indicated quantity, please check with WOS.

■ **Standard**

Part Number Type	Stroke	Operating Point	Contact Force N	Contact Logic	Unit Price 1 ~ 10 pc(s).	
					CMSC, CMSCW	N-CMSC, N-CMSCW
Regular (IP40) <b>CMSC</b> <b>N-CMSC</b>	1.5	No Pre-Travel (Repeatability 0.003)	0.5N	NC (Normally Closed)		
Water-Proof (IP67) <b>CMSCW</b> <b>N-CMSCW</b>			0.8N			

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**Ordering Example** Part Number **CMST**

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■ **NO (Normally Open)**

Regular (IP65)  
**CMSMA**  
**N-CMSMA** (With LED)

Water-Proof (IP67)  
**CMSMWA**  
**N-CMSMWA** (With LED)

Switch Main Body: Ø4.5, LED Lamp

Contact Part	Main Body	Cable	Accessory
Material	Hardness	Material	
SUS	50HRC	SUS303	Cable 2m, Ø3 Oil-resistant, Min. Bending Radius R7 Wrench Hex Nut (Thickness 3, Hex Socket 13)

■ **NO (Normally Open)**

Part Number Type	Stroke	Operating Point	Contact Force N	Contact Logic	Unit Price 1 ~ 10 pc(s).	
					CMSMA, CMSMWA	N-CMSMA, N-CMSMWA
Regular (IP65) <b>CMSMA</b> <b>N-CMSMA</b>	1.5	0.3 from Tip (Repeatability 0.003)	1N	NO (Normally Open)		
Water-Proof (IP67) <b>CMSMWA</b> <b>N-CMSMWA</b>						

For orders larger than indicated quantity, please check with WOS.

**Ordering Example** Part Number **CMSMA**