



## Compendium of CMS Series

**Two types of sensors**

**General type(CMS)**

General type(blue)      High temperature type (red)

**Manipulator industry(A05-CMS)**

Product characteristics:

1. Flexure resistant curve material can be used in manipulator industry, such as multi joint manipulator and tank chain.
2. In case of high temperature, much dust, or water droplets and oil dust, the sensor shall take corresponding dust-proof measures.

**High deflection wire**

The deflection is increased by about 20% compared with the general type

**Bending resistance**

**SR: bending resistance**

**Impact resistant materials**

**Two kinds of accessories**

CMSG can be mounted with 2 accessories, applicable to multi-cylinders.

### Four types of cross section

<b>G Type</b>		
<b>H Type</b>		
<b>E Type</b>		
<b>J Type</b>		

CMSG	F-MQ□	
	F-SC□SH	

### CMS Specifications

Item	CMS	
	General	Heat resistant
Model	General	Heat resistant
Power supply voltage	5V ~ 240V AC/DC	
Switching current	100mA	
Contact capacity	10W Max.	
Current consumption	N/A	
Internal voltage drop	2.5V Max. @100mA DC	N/A
Leakage current	N/A	
Switching frequency	200Hz	
Impact resistance	50G	
Circuit protection	N/A	
Operating Temp.	-10°C ~ 70°C	-10°C ~ 125°C
Enclosure	IP64	
Standard	CE marking, RoHS	

### Ordering code for CMS

**CMS G - 020 - □**

**A05-CMS G - 020**

① ② ③ ④ ⑤

① Industry code	Blank: General type    A05: Manipulator industry			
② Model	CMS : Reed Sensor			
③ Specifications	G	H	E	J
④ Lead wire	Direct lead wire	020: 2m	030: 3m	050: 5m    100: 10m
	Plug connector [Noet1]	M08:0.5m with M8 plug connector M08010:1m with M8 plug connector M08020:2m with M8 plug connector M08030:3m with M8 plug connector	M12:0.5m with M12 plug connector M12010:1m with M12 plug connector M12020:2m with M12 plug connector M12030:3m with M12 plug connector	
⑤ Additional specification	Blank: General type		H:Heat resistant [note2]	

[Note1]A05 has no plug connector option. [Note2]A05 has no heat resistant option.  
Add:The sockets of M08 and M12 need additional order. Please check on page 585.