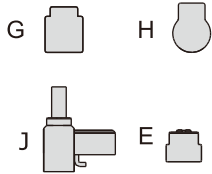




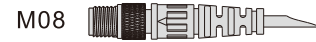
# DMS、CMS Series Sensor



## Ordering code for DMS



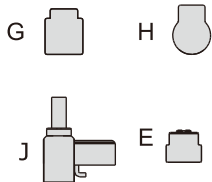
**DMS G - □ 020 - □**



① Model	DMS: Solid State Sensor			
② Specifications	G	H	E	J
③ Output type	Blank: 2 wire	N : NPN		P : PNP
④ Lead wire length	Wire type	020: 2m	030: 3m	050: 5m 100: 10m
	Plug connector type	M08:0.5m with M8 plug connector		M12:0.5m with M12 plug connector
		M08010:1m with M8 plug connector		M12010:1m with M12 plug connector
		M08020:2m with M8 plug connector		M12020:2m with M12 plug connector
		M08030:3m with M8 plug connector		M12030:3m with M12 plug connector
⑤ Additional specification	Blank: General type		W:Waterproof type IP68 [note1]	

[Note1] There is no waterproof type for M08/M12 & J. The sockets of M08 and M12 need additional order.

## Ordering code for CMS



**CMS G-020-□**



① Model	CMS: Reed Sensor			
② Specifications	G	H	E	J
③ Lead wire length	Wire type	020: 2m	030: 3m	050: 5m 100: 10m
	Plug connector type	M08:0.5m with M8 plug connector		M12:0.5m with M12 plug connector
		M08010:1m with M8 plug connector		M12010:1m with M12 plug connector
		M08020:2m with M8 plug connector		M12020:2m with M12 plug connector
		M08030:3m with M8 plug connector		M12030:3m with M12 plug connector
④ Additional specification	Blank: General type		H:Heat resistant [note1]	

[Note 1] There is no heat resistant type for M08 & M12. The sockets of M08 and M12 need additional order.

## Ordering code for Socket



**F - EC M08 B 020 - □**



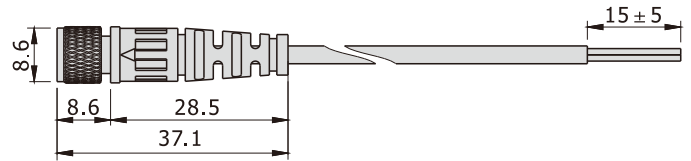
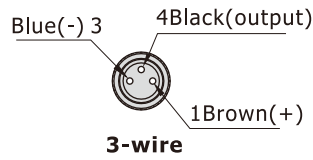
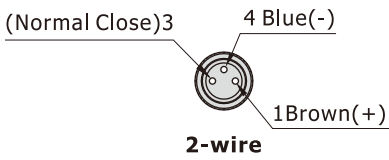
① Category code	F: Accessory			
② Specification code	EC: Connect wire line			
③ Socket type	M08:M8 socket		M12:M12 socket	
④ Wire type	B: 2-wire type		C:3-wire type	
⑤ Wire length	020: 2 meters	030:3meters	050:5meters	100:10meters
⑥ Add code	Blank: General type			



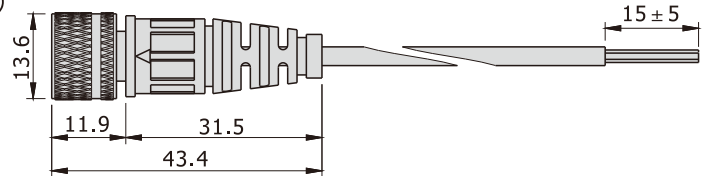
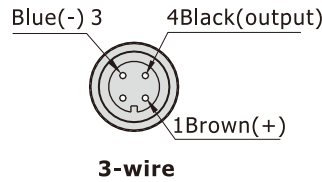
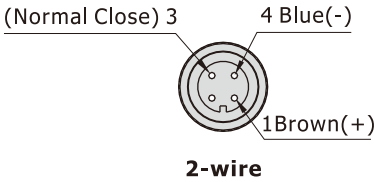
## DMS、CMS Series

### Socket

#### M8 socket



#### M12 socket



### How to selection



DMSG	CMSG	NSU					HFKP					HFKL			
		1-1/2	2	2-1/2	3-1/4	4	5	16	20	25	32	40	16	20	25
		●	●	●	●	●	●	●	●	●	●	●	●	●	●


DMSG	CMSG	NPB										
		5/16	7/16	9/16	3/4	7/8	1-1/16	1-1/4	1-1/2	1-3/4	2	2-1/2
		●	●	●	●	●	●	●	●	●	●	●
It needs an accessory to mount a sense on a cylinder												

DMSH	CMSH	NACF								NACQ									
		9/16	3/4	1-1/16	1-1/2	2	2-1/2	3	4	12	16	20	25	32	40	50	63	80	100
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		HFD				HFKP				HFCQ									
		8	12	16	20	25	10	16	20	25	32	40	16	20	25	32	40	50	63
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		HFKL				HGS													
		10	16	20	25	6	8	10	12										
		●	●	●	●	●	●	●	●										


## DMS, CMS Series

### How to selection


DMSG	CMSG	HFK						ACQ\TACQ												SDA														
		10	16	20	25	32	40	12	16	20	25	32	40	50	63	80	100	125	140	160	12	16	20	25	32	40	50	63	80	100				
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
		TWQ			TCL\TCM												QCK						TWH\TWM											
		20	25	32	40	50	6	10	12	16	20	25	32	40	50	63	80	100	12	16	20	25	32	40	50	63	20	25	32	40	50	63	80	
		●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		SAU			HFZ				HFY				HFP				MD\MK																	
		32	40	50	63	80	100	6	10	16	20	25	32	40	6	10	16	20	25	32	10	16	20	25	32	6	10	16	20	25	32			
		●	●	●	●	●	●		●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		TR			STW			RMT			RMTL																							
		6	10	16	20	25	32	10	16	20	25	32	16	20	25	32	40	10	16	20	25	32	40											
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●										


		Stainless steel																															
		PB\PBR				MI								MF				MG				MA\MAC											
		6	8	10	12	16	8	10	12	16	20	25	32	40	20	25	32	40	20	25	32	40	50	63	16	20	25	32	40	50	63		
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		Aluminum alloy														Aluminum alloy (Thick type)																	
		MBL							MCK							TWG																	
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●


It needs an accessory to mount a sense on a cylinder

		SC														SGC																
		32	40	50	63	80	100	125	160	200	250	125	160	200	250																	
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

It needs an accessory to mount a sense on a cylinder

DMSJ	CMSJ	ACQ\TACQ						SDA										TWQ			QCK			QDK			TN						
		32	40	50	63	80	100	12	16	20	25	32	40	50	63	80	100	32	40	50	32	40	50	63	20	25	32	40	10	16	20	25	32
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		TWH\TWM																															
		20	25	32	40	50	63	80																									
		●	●	●	●	●	●	●																									

DMSH	CMSH	ACQ\TACQ			TC		HFZ				HFY		HFP			HFR				HFC						HFT							
		125	140	160	6	10	6	10	16	20	25	32	40	6	32	10	16	20	25	32	16	20	25	32	40	50	63	10	16	20	25	32	
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		QDK			HLQ\HLQL				HLS\HLSL				MU				HLH				MPG												
		20	25	32	40	6	8	12	16	20	25	6	8	12	16	20	25	6	8	10	12	16	20	6	10	16	20	6	8	10	12	16	
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		HRQ					HFK					RMH																					
		2	3	7	10	20	30	50	70	100	200	10	16	20	25	32	40	10	16	20	25												
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

DMSE	CMSE	SE/BSE						SAI										ACE											
		32	40	50	63	80	100	125	32	40	50	63	80	100	125	160	200	12	16	20	25	32	40	50	63	80	100	125	
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●