

## HX-65

### Magnet Switch



#### How to Order?

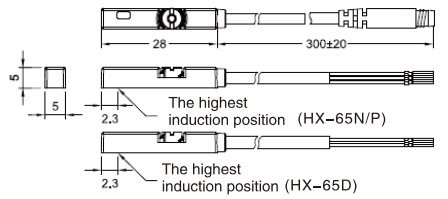
**HX - 65 D - 2M**

Product code      Series NO.      Switch Type  
 D: Two wire without contact switch  
 N: NPN type  
 P: PNP type  
 R: Two wire reed switch

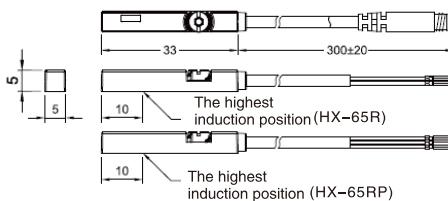
Wire length  
 2M: 2M  
 5M: 5M  
 10M: 10M  
 .....  
 QD8: QD8 Male connector  
 QD12: QD12 Male connector  
 Note: The standard wire length of the quick connector is 0.15m. Other wire lengths cannot be ordered

#### Dimension

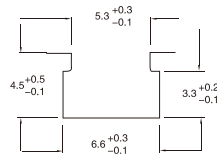
HX-65N, HX-65P, HX-65D / HX-65N-QD, HX-65P-QD, HX-65D-QD



HX-65R, HX-65RP / HX-65R-QD, HX-65RP-QD

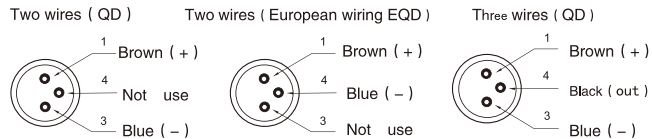


#### Groove Dimension



Suitable for cylinder:  
 FVBC/EXSM/  
 EXSWM/SF/SFM

#### M8/M12 male wiring diagram



#### Specifications

Type	HX-65D	HX-65N	HX-65P	HX-65R
Connect Diagram				
Parameter				
Wiring method	2-Wire Type	3-Wire Type		2-Wire Type
Switching logic		Electronic type N.O		SPST Normally Open
Sensor type	None contact type	NPN type ( Input)	PNP type ( Output)	Reed switch
Operating voltage	10-28V DC	5-30V DC		5-240V DC/AC
Max. switching current	50mA max	200mA max.		100mA max.
Contact rating	1.4 W max	6W max.		10W max.
Current consumption	40 μA max @ 24V	8mA max @ 24V DC (Switch Active)		None
Voltage drop	2.8 V max.	1 V max. @ 200mA DC		2.5 V max.
Leakage current	90 μA max @ 28V	0.01mA max.		None
Indicator		Red LED		
Max. exchange frequency		1000Hz		200Hz
Temperature range		-10 - 70°C		
Shock		50G		30G
Vibration		9G		
Enclosure classification		IEC 529 IP67 (NEMA 6)		
Protection circuit	2, 4	3, 4		1
Cable	2.6Φ, 2C, Black oil resistant PVC	2.6Φ, 3C, Black oil resistant PVC		2.6Φ, 2C, Black oil resistant PVC
Switch sensitive		40-750G		70G

Note: 1= none /2= output short circuit protection /3= power reverse protection /4= surge absorption protection