

HX-13

Magnet Switch

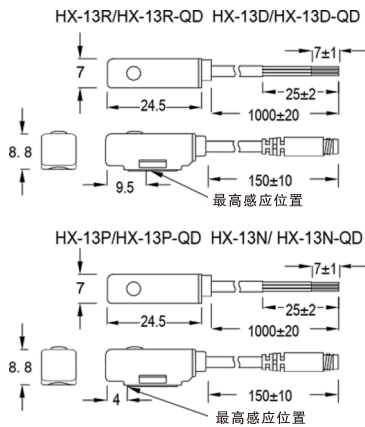


How to Order?

HX	-	13	D	-	2M	-	A	-	20																		
Product code		Series NO.	Switch Type D: Two wire without contact switch N: NPN type P: PNP type R: Two wire reed switch		Wirelength 2M:2M 5M:5M 10M:10M QD8: QD8 Male connector QD12: QD12 Male connector		Bore material Blank: No binding belt A: Aluminum alloy barrel (with binding belt) S: Stainless steel barrel (with binding belt)		Bore code																		
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Note: The standard wire length of the quick connector is 0.15m. Other wire lengths cannot be ordered

Dimension

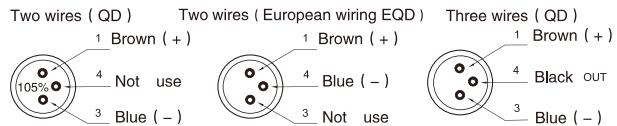


Installation

Detailed mounting method refer to page 3.157

Suitable for cylinder:
RAL/ RA/IA/SJ/
SM/EG/NEG/NCM

M8/M12 male wiring diagram



Specifications

Type	HX-13D	HX-13N	HX-13P	HX-13R
Connect Diagram				
Parameter				
Wiring method	2-Wire Type	3-Wire Type		2-Wire Type
Switching logic	Electronic no contact 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 (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	3.2Φ, 2C, Black color, oil resistance PVC	3.2Φ, 3C, Black color, oil resistance PVC		3.2Φ, 2C, Black color, oil resistance PVC
Switch sensitive	45-750G			50G