

Magnet Switch

HX-31

Magnet Switch

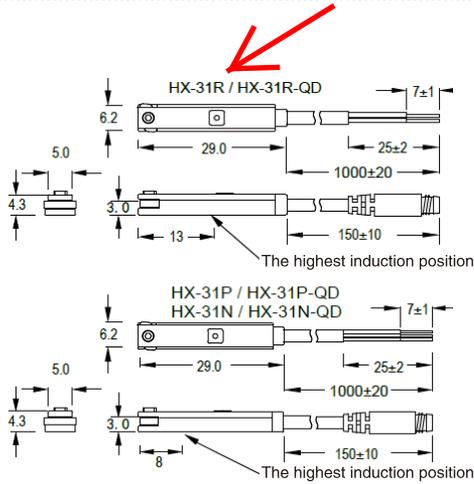


How to Order?

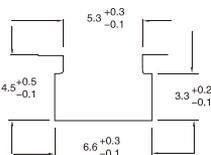
HX	-	31	D	-	2M
Product code		Series NO.	Switch Type D: Two wire without contact switch N: NPN type P: PNP type R: Two wire reed switch		Wire length 1M:1M 2M:2M 5M:5M 10M:10M QD8: QD8 Male connector QD12: QD12 Male connector

Note: The standard wire length of the quick connector is 0.15m. Other wire lengths cannot be ordered

Dimension

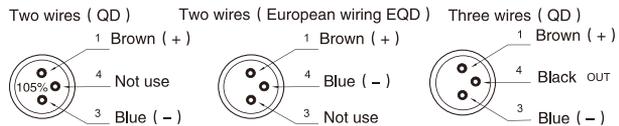


Groove Dimension



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

M8/M12 male wiring diagram



Connect Diagram

Type	HX-31D	HX-31N	HX-31P	HX-31R
Connect Diagram				
Parameter				
Wiring method	2-Wire Type		3-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	14(N)/17(P)mA max(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	
Cable	2.9Φ, 2C, Black color, oil resistance PVC	2.9Φ, 3C, Black color, oil resistance PVC		2.9Φ, 2C, Gray color, oil resistance PVC
Switch sensitive	40-750G		40G	

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