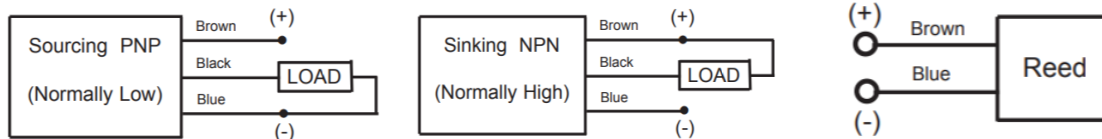




EDrive Actuators – Wiring Diagram

Title: Hall Effect and Reed Limit Switch



Actuator Limit Switch

Supplied with Hall Effect or Reed type switches which are for “home” sensing and over-travel protection only. They should not be used to position the actuator.

	Configuration	State	Voltage (VDC Typ.)	Current (mA Max.)	Type	Part Number	H					
							1	2	3	4	5	6
A	Hall Effect, Sourcing	N.O.	5-24	500	PNP	MLE-K06			1	2	2	1
A	Hall Effect, Sourcing	N.C.	5-24	500	PNP	MLE-Q06						
B	Hall Effect, Sinking	N.O.	5-24	500	NPN	MLE-G06						
B	Hall Effect, Sinking	N.C.	5-24	500	NPN	MLE-J06	1	2			1	2

	Configuration	State	Contact Rating (VA)	Switching Voltage (Max.) V(AC/DC)	Switching Current (Max.) (mA)	Carry Current (Max)	Part Number
C	Reed	N.O.	10	100	500	1 A	MLE-D06
C	Reed	N.C.	3	30	200	500 mA	MLE-T06

PVC Jacket	PVC Jacket, 24 AWG, 105 strand, (+) Brown, (-) Blue, (load) Black
Length	6 feet
Switch Response	0.01 mS
Operating Temperature	-10 to 60 degrees C
Shock resistance	50 g. Hall, 10 g. Reed
Vibration Resistance	30 g.
Magnetic Field Required	40 gauss minimum, no upper limit