



<b>WORLD SWITCHES</b>			
<b>Order Number SO1 (E)XTEND or SO1 (R)TRACT</b>	<b>Part Number</b>	<b>Manufacturer</b>	<b>Description</b> All switches are Quick Disconnect
<b>99</b>	Switch Ready		Customer Supplied Switch
<b>AE or AR</b>	Ni2-Q6.5-AP6-0.1-FS 4.4X3/S304	Turck	4-Wire, 4-Pin, DC M12x1(PNP)
<b>BE or BR</b>	Ni2-Q6.5-ADZ32-0.1-FSB 5.4X4/S304	Turck	4-Wire, 5-Pin, AC/DC 1/2-20(NO)
<b>CE or CR</b>	Ni2-Q6.5-AN6-0.1-FS 4.4X3/S304	Turck	4-Wire, 4-Pin, DC M12x1(NPN)
<b>DE or DR</b>	NBN2-F581-100S6-E8-V1	Pepperl&Fuchs	4-Wire, 4-Pin, DC M12x1(PNP)
<b>EE or ER</b>	BES-Z02KR2-PSC20F-P100-S04-V	Balluff	3-Wire, 4-Pin, DC M12x1(PNP)
<b>HE or HR</b>	Ni2-Q6.5-0.1-BDS-2AP6X3-H1141/S34	Turck	4-Wire, 4-Pin, DC M12x1(PNP)
<b>JE or JR</b>	IN5374	Efector	3-Wire, 4-Pin, DC M12x1(PNP)
<b>ZE or ZR</b>	WWS001A	Welker	4-Wire, 4-Pin, DC M12x1(PNP)
<b>CYLINDER SWITCHES</b>			
<b>L3</b>	SWITCH L3 ~ Weld field immune, comparable to World Switches*	Welker	4-Wire, 4-Pin, DC M12x1(PNP)
<b>L5</b>	MK5113 (single sensor switch: 2 switches are installed per cylinder)	ifm Efector	3-Wire, 4-Pin, DC M12x1(NPN)
Standard Switch Option - All other options may affect price and delivery			

\*Note that some mid and low frequency DC resistance applications (i.e. aluminum resistance welding applications) may cause a fault. In these applications, it is recommended that the sensor be ignored/bypassed during the welding cycle.