

ABOUT OUR ECONOMY RANGE

So why an 'Economy range of switches? Are they poor quality? Is their lifespan going to be drastically reduced? The answer to these questions is a firm 'No'. If you require a Proximity Switch that perhaps does not require a high temperature cable or housing, or where switching distance is not critical, then perhaps a switch from our Economy range will suffice. Our range of switches shown overleaf have a wider AT band than our standard range, and switch life may be reduced slightly, but where a switch is required in a price critical application, then they are often all that is required. With this range, we continue to offer custom cable lengths, alternative housing colours, and cable terminations as required, as well as technical support, and application assistance where required.

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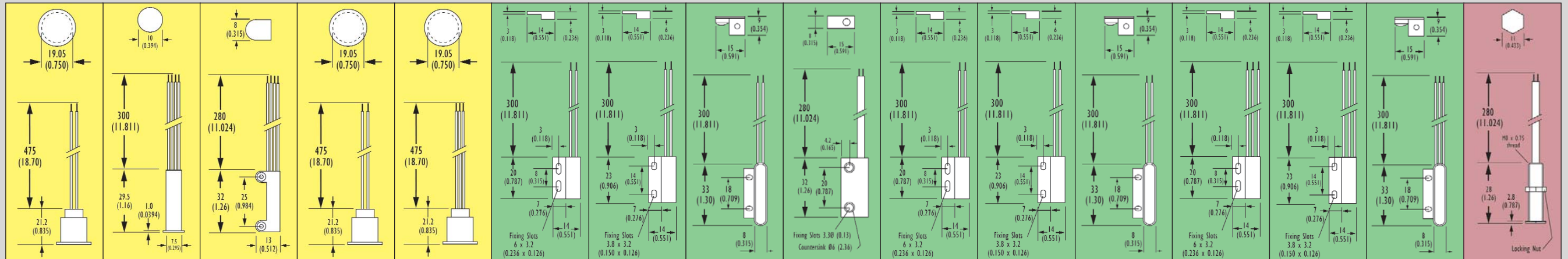
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We also have a large network of worldwide agents. These can be seen on any of our websites, or on our company profile brochure.

Economy Proximity Switches



ECONOMY PROXIMITY SWITCHES



Options / Features	•Also available in 25mm diameter	•Heavy duty rugged enclosure	•Also available in Brown	•Also available in 25mm diameter	•Also available in 25mm diameter	•Left and Right hand versions available •Smallest available Proximity	•Left and Right hand versions available	•Also available in Black and Grey	•Heavy duty rugged enclosure	•Left and Right hand versions available	•Left and Right hand versions available	•Also available in Black and Grey	•Left and Right hand versions available	•Left and Right hand versions available	•Also available in Black and Grey	•Heavy duty rugged enclosure	
Contact Form	Normally Open	Normally Closed			Change-Over	Normally Open				Normally Closed			Change-Over		Normally Open		
Style	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Rectangular	Rectangular	Rectangular	Rectangular	Rectangular	Rectangular	Rectangular	Rectangular	Rectangular	Rectangular	Threaded	
Type	SD70	CTI002	CTE002	SD71	SD72	LMPSA 240/30	LMSA 240/30	MC-12AW	CTC012	LMPSB 130/30	LMSM 130/30	MC-12BW	LMPSC 130/30	LMSC 130/30	MC-12CW	CTI302	
Suggested Magnet (see magnet catalogue)	SD70M	CTI002M	CTE002M	SD70M	SD70M	LMPSM	LMSM	MC-12M	CTCM	LMPSM	LMSM	MC-12M	LMPSM	LMSM	MC-12M	CTI302M	
Switching Capacity	Max. W/VA	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Switching Voltage	Max. VAC	100	48	48	100	100	100	100	200	100	100	100	100	100	100	200	
Switching Current	Max. A	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.5	0.5	0.3	0.5	
Contact Resistance	Max. mOhms	150	200	200	150	150	150	200	300	150	150	200	150	150	200	200	
Switching Distance	Min. mm	38	12	18	30	30	5	10	12	10	5	5	8	5	5	8	10
Operating Temperature	°C	-20 +70	-20 +85	-20 +70	-20 +70	-20 +70	-20 +70	-20 +70	-20 +70	-20 +85	-20 +70	-20 +70	-20 +70	-20 +70	-20 +70	-20 +70	-20 +85
Case Material		White ABS	Brass	White ABS	White ABS	White ABS	White ABS	White ABS	Aluminium	White ABS	White ABS	White ABS	White ABS	White ABS	White ABS	White ABS	Brass
Cable		2 x 0.14mm ² PVC insulated White	4 x 0.22mm ² PVC insulated White	4 x 0.22mm ² PVC insulated White	2 x 0.14mm ² PVC insulated White	3 x 0.14mm ² PVC insulated White / Brown	2 x 0.22mm ² AWG PVC insulated White	2 x 0.22mm ² AWG PVC insulated White	2 x 0.22mm ² AWG PVC insulated White	2 x Round 0.14mm ² PVC covered Grey and insulated Brown / White	2 x 0.22mm ² AWG PVC insulated White	2 x 0.22mm ² AWG PVC insulated White	2 x 0.22mm ² AWG PVC insulated White	3 x Round 0.22mm ² AWG PVC insulated Brown / White / Green	3 x Round 0.22mm ² AWG PVC insulated Brown / White / Green	3 x 0.22mm ² PVC insulated White	2 x Round 0.14mm ² PVC covered Grey and insulated Brown / White

AWG to mm² Cross Reference table

AWG	mm ²
30	0.05
28	0.08
26	0.14
24	0.25
22	0.34
21	0.38
18	0.75
17	1.0
16	1.5
14	2.5
12	4
10	6
8	10
6	16
4	25
2	35
1	50
2/0	70
3/0	95
4/0	120
300MCM	150
350MCM	185
500MCM	240

