

22nd March, 1984

170-838  
To  
170-843

A range of magnetically operated reed proximity switches encapsulated in blue anodised aluminium cases and matching actuator magnets. The solid construction gives the switches a high degree of protection against dust, grease, oil, water etc., and connection is by integral PVC cable. The switches are available with normally open or changeover contacts.

Suitable for limit switch, micro-switch or proximity switch applications, intruder alarm systems, and for inductive or resistive loads.

#### MAXIMUM RATINGS

| Part No. | Device        | D.C. VOLTS | D.C. AMPS | VA  | Operative Time | Contact Material | Remarks     | Contact * Configuration. |
|----------|---------------|------------|-----------|-----|----------------|------------------|-------------|--------------------------|
| 170-838  | MO.2          | 200        | .5        | 10W | 1 M/S          | GOLD             | -           | N/O                      |
| 170-839  | MCO/1         | 28         | .25       | 3W  | 2 M/S          | GOLD ALLOY       | -           | C/O                      |
| 170-841  | SCO/3/E # 500 |            | 1.5       | 20W | 1 M/S          | TUNGSTEN         | Pressurised | C/O                      |
| 170-842  | SO4/E # 1000  |            | 3         | 50W | 2 M/S          | TUNGSTEN         | Pressurised | N/O                      |

\* CONTACT CONFIGURATION WHEN MAGNET IS NOT IN PROXIMITY

# EARTHED DEVICES

#### ACTUATOR MAGNETS

| PART NO. | DEVICE | FOR USE WITH    | OPERATE DISTANCE FACE TO FACE MM |      |
|----------|--------|-----------------|----------------------------------|------|
|          |        |                 | MIN.                             | MAX. |
| 170-840  | MFU 1  | 170-838 MO.2    | 7                                | 13   |
|          |        | 170-839 MCO/1   | 5                                | 10   |
| 170-843  | MFU 7  | 170-841 SCO/3/E | 13                               | 25   |
|          |        | 170-842 SO4/E   | 13                               | 22   |

#### Dimensions mm:

Standard switch: 79.4 x 19.1 x 9.6 Fixing centres = 50 (slots 14 x 4.7)

Standard actuator: 38.1 x 25.4 x 9.6 Fixing centres = 28 (slots 14 x 4.7)

Miniature switch: 38.1 x 12.7 x 6.4 Fixing centres = 25 (hole dia.3)

Miniature actuator: 38.1 x 12.7 x 6.4 Fixing centres = 25 (hole dia.3)