

# DMN960IE

## Pulsante impermeabile rosso serie 990 con isolatore (montaggio a muro)

### General

The DMN960IE is an addressable, waterproof manual call point designed for use outdoors and in places where moisture and dirt may be a problem. It is compliant with EN54-11 and can be used with the 900 series device range on the FP1200/2000 series panels. It is shipped with an easily resettable element rather than a break glass.

### Operating Principles

The 960 series call points are addressed at the commissioning stage by means of a seven-segment DIL switch.

A single bi-coloured alarm LED is provided on the call point. The LED may be controlled independently of the call point from the FP1200/2000 fire panel. The LED is illuminated RED when the call point has been activated, or AMBER/YELLOW to indicate a short circuit.

The DMN960IE incorporates a short circuit isolator which will ensure its operation in the event of a short circuit fault on the loop.

### Installation and Operation

The DMN960IE helps reduce installation time as all the initial installation cabling is wired to a terminal block that fits neatly in the back of the call point.

Once activated the call point can be easily reset by using the supplied test key and simply pushing the front cover up.

### Approvals

All manual call points in the 960 series have been tested and CPD approved by LPCB and a number of other approval authorities.



### Dettagli

- Impermeabile e con grado di protezione IP67
- Vetrino di rottura resistente alla manomissione
- Indicazione di allarme con LED
- Supporto resettabile
- Morsettiere Plug and Play per un collegamento veloce
- Permette il test della continuità dei conduttori prima del fissaggio
- Isolatore incorporato
- Facile da provare con la funzione di auto reset
- Veloce risposta (3s)

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### Specifiche tecniche

#### Elettrico

|                       |              |
|-----------------------|--------------|
| Tensione di esercizio | 17 to 28 VDC |
|-----------------------|--------------|

#### Fisico

|                    |                 |
|--------------------|-----------------|
| Dimensioni fisiche | 93 x 98 x 71 mm |
|--------------------|-----------------|

|            |       |
|------------|-------|
| Peso netto | 240 g |
|------------|-------|

|        |       |
|--------|-------|
| Colore | Rosso |
|--------|-------|

#### Ambientale

|                       |                         |
|-----------------------|-------------------------|
| Temperatura operativa | -30 to +70°C (no icing) |
|-----------------------|-------------------------|

|                  |                        |
|------------------|------------------------|
| Umidità relativa | 0 to 95% noncondensing |
|------------------|------------------------|

|          |            |
|----------|------------|
| Ambiente | Da esterno |
|----------|------------|

|           |      |
|-----------|------|
| IP rating | IP67 |
|-----------|------|

#### Regolatorio

|                |                  |
|----------------|------------------|
| Certificazioni | EN54-11, EN54-17 |
|----------------|------------------|

#### Power supply

|                |              |
|----------------|--------------|
| Supply voltage | 17 to 28 VDC |
|----------------|--------------|

|                            |          |
|----------------------------|----------|
| Communications<br>protocol | 5 to 9 V |
|----------------------------|----------|

#### Current consumption

|                     |      |
|---------------------|------|
| Power-up surge, 1 s | 1 mA |
|---------------------|------|

|           |        |
|-----------|--------|
| Quiescent | 100 µA |
|-----------|--------|

|                |      |
|----------------|------|
| Alarm (LED on) | 4 mA |
|----------------|------|

#### Environmental

|                                     |                |
|-------------------------------------|----------------|
| Operating temperature<br>(no icing) | -30°C to +70°C |
|-------------------------------------|----------------|

|                                        |          |
|----------------------------------------|----------|
| Relative humidity (no<br>condensation) | 0 - 95 % |
|----------------------------------------|----------|

|           |      |
|-----------|------|
| IP Rating | IP67 |
|-----------|------|

#### Physical

|        |     |
|--------|-----|
| Colour | RED |
|--------|-----|

|          |                         |
|----------|-------------------------|
| Material | Red Polycarbonate / ABS |
|----------|-------------------------|

|                        |                   |
|------------------------|-------------------|
| Dimensions (l x w x h) | 93 x 97.5 x 71 mm |
|------------------------|-------------------|

|        |       |
|--------|-------|
| Weight | 240 g |
|--------|-------|

|                  |     |
|------------------|-----|
| Cable gland size | M20 |
|------------------|-----|

#### LED indication

|       |         |
|-------|---------|
| Alarm | Red LED |
|-------|---------|

|          |            |
|----------|------------|
| Isolated | Yellow LED |
|----------|------------|



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