

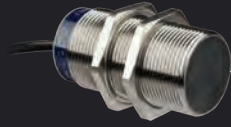
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# Proximity

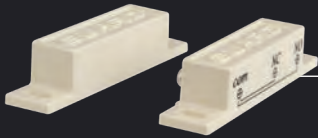


# Proximity

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Inductive Switches **138**



Reed Switches **140**



Limit Switches **141**

# Proximity

Inductive Switches

**NEW**



12-0001

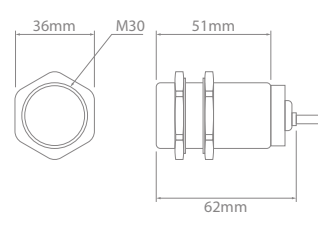


12-0120

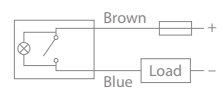


- DC & AC/DC models available.
- Non-contact sensor for metal objects.
- Suitable for harsh industrial environments.
- Environmentally sealed – IP67 or greater.
- Reverse polarity protected.
- Output status LED indicator.
- Ideal for machine tool detection, press applications, cam detection, material handling, valve and shaft position, automotive assembly.

|                                |       |                             |
|--------------------------------|-------|-----------------------------|
| <b>Body :</b>                  | AC/DC | Nickel-plated Brass         |
|                                | DC    | Stainless Steel             |
| <b>Front Cap :</b>             | AC/DC | Polyphenylene Sulfide (PPS) |
|                                | DC    | Ryton                       |
| <b>Shock :</b>                 | AC/DC | 50GN (IEC 60068-2-27)       |
|                                | DC    | 30G (IEC 60947-5-2)         |
| <b>Vibration :</b>             |       | 10 – 55HZ                   |
| <b>Cable Length :</b>          |       | 2m                          |
| <b>Approvals :</b>             |       | CE, UL, RoHS                |
| <b>Operating Temperature :</b> |       | -25°C to 70°C               |



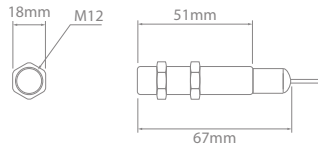
Made in Europe



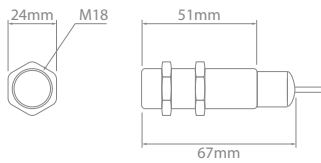
Ensure maximum current load is not exceeded. Compatible with automotive relays & electronic modules.

## Inductive Switch – AC/DC **NEW**

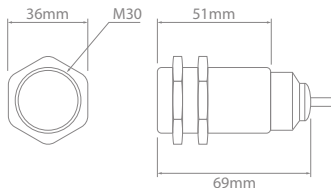
| Part No. | Voltage Type | Voltage | Output Type | Output Function | Sensing Range (mm) | IP Rating    | Switching Capacity (mA) |       |
|----------|--------------|---------|-------------|-----------------|--------------------|--------------|-------------------------|-------|
|          |              |         |             |                 |                    |              | AC                      | DC    |
| 12-0001  | AC/DC        | 24–240  | –           | N/O             | 10                 | IP68, IP6K9K | 5–300                   | 5–200 |



12-0120



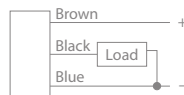
12-0180



12-0300



Ensure maximum current load is not exceeded. Compatible with automotive relays & electronic modules.



Made in North America

IP67

## Inductive Switches – DC NEW

| Part No.       | Voltage Type | Voltage | Output Type | Output Function | Sensing Range (mm) | IP Rating | Switching Capacity (mA) DC |
|----------------|--------------|---------|-------------|-----------------|--------------------|-----------|----------------------------|
| <b>12-0120</b> | DC           | 10–30   | PNP         | N/O             | 2                  | IP67      | 100                        |
| <b>12-0180</b> | DC           | 10–30   | PNP         | N/O             | 5                  | IP67      | 100                        |
| <b>12-0300</b> | DC           | 10–30   | PNP         | N/O             | 10                 | IP67      | 100                        |



# Proximity

## Reed Switches

**NEW**

12-0050



12-0070



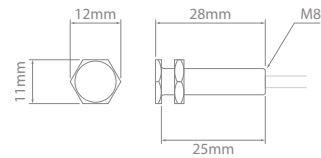
- Available with inductive or surface style.
- Compact size.
- 12-0050 fully threaded for adjustments.
- Ideal for position sensing, linear actuator, security switching, and safety guard/device applications.

|                                |         |               |
|--------------------------------|---------|---------------|
| <b>Voltage :</b>               | 12-0050 | 12-48V        |
| <b>Body :</b>                  | 12-0050 | Brass         |
|                                | 12-0070 | ABS           |
| <b>Approval :</b>              |         | RoHS          |
| <b>Operating Temperature :</b> | 12-0050 | -20°C to 85°C |

10V  
48V

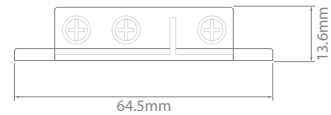
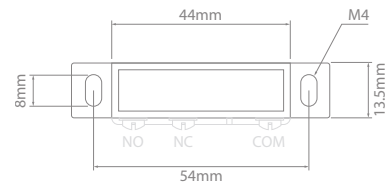


12-0050



Supplied with mounting double sided tapes

12-0070



### Reed Switches **NEW**

| Part No. | Contact Type | Style   | Switching Distance (mm) | Contact Resistance (Ohms) | Current Rating (A) | Cable Length (mm) |
|----------|--------------|---------|-------------------------|---------------------------|--------------------|-------------------|
| 12-0050  | N/O          | Panel   | 10                      | 0.2                       | 0.5                | 280               |
| 12-0070  | N/O & N/C    | Surface | 15                      | 0.15                      | 0.25               | —                 |

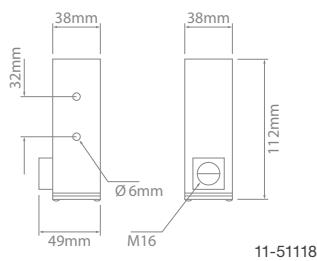
- Simple, rugged stainless steel body design.
- Long sensing ranges – up to 90mm using target magnet.
- Environmentally sealed – IP68, when used with similar rated conduit and fittings.



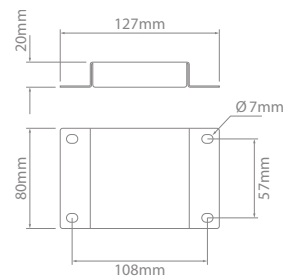
AMC5

11-51118

**Voltage :** 12–24V  
**Current Rating :** 3A @ 24VDC  
**Contacts :** Silver cadmium oxide, gold flashed  
**Body :** Stainless Steel  
**Operating Temperature :** -40°C to 105°C



11-51118



AMC5



Seesaw armature provides snap action and solid contact pressure, eliminating 'contact teasing' and 'contact chatter' in high vibration applications.

Sensing range can be extended to 90mm using external target magnet.

Permanent magnets never lose their strength.

Rugged stainless steel housing withstands physical abuse, moisture, and corrosives.

Versatile gold flashed contact are suitable for high and low electrical loads, and can be wired AC or DC, N/O or N/C.

Sealed contact chamber prevents moisture or dust from reaching the contacts

Consumes no power to operate and has no current leakage or voltage drop.

Potting fills the entire switch cavity, forming a barrier against moisture.

## Limit Switches

| Part No. | Circuitry  | Sensing Range (mm) | Approvals          |
|----------|--|--------------------|--------------------|
| 11-51118 | Double Pole<br>N/O & N/C                         | 10                 | UL General Purpose |
| AMC5     | Mountable magnet – Extends sensing range to 90mm |                    |                    |

