

- Plug-in cable connection
- LED indicator as standard
- Simple, reliable switching with very fast response times
- Solid state circuitry
- Suitable for all our magnetic Compact Cylinders
- Particularly suited for use where high levels of vibration are present

Magnetically Operated Switches



Technical Data

Form:

Solid state with LED (PNP open collector output)

Switching Voltage:

10V to 30V d.c. only

Switching Current:

300mA

Response Time:

1,5 μ s

Operating Temperature:

0°C to +70°C

Protection Rating:

I.P.67

Vibration Resistance:

Immune to shock loads

Cable Length:

Five metres of P.V.C. or Polyurethane covered three core cable

Switch Protection:

Diode protection must be used with inductive loads

Materials

Nylon 66 body.

Ordering Information

To order, quote M/42/P.

Alternative Models

M/40 Integral cable model - see page 4.3.041

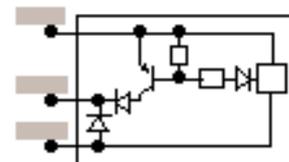
M/40/C Normally open/normally closed model with integral cable - see page 4.3.041

M/40/P Solid state model with plug-in cable - see page 4.3.042

TM/40 High temperature model - see page 4.3.041

M/41 Solid state model with integral cable - see page 4.3.043

M/42 Solid state model with integral cable - see page 4.3.043

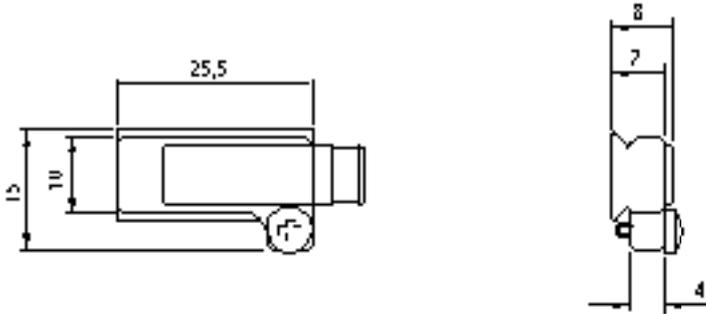




General Information

Model	Switch type	Cable length m
M/42/P	Solid State with LED. PNP open collector output	5

Magnetically Operated Switches



Fixing method: Bevelled groove in cylinder barrel and clamping screw.

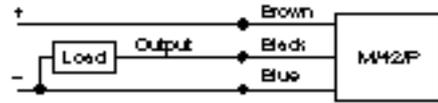
Polarity:

Brown +

Blue -

Black Output

Polarity is important



Cable No.	Connector type	Outer cover
M/P34595/5	Straight	Polyurethane
M/P34596/5	Angled 90°	Polyurethane
M/P34614/5	Straight	P.V.C.
M/P34615/5	Angled 90°	P.V.C.

Warning

These products are intended for use in industrial control systems only. Do not use these products where voltage, current and temperatures can exceed those listed under 'Technical Data'.

Before using these products for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in control systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in control systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.