

- Very neat and compact low profile units
- LED indicator as standard
- Particularity suited for use where high levels of vibration are present
- CE - Marking

Technical Data

Operation:

M/41 NPN grounded emitter output with LED (yellow)
M/42 PNP open collector output with LED (yellow)

Switching Voltage (U_b):
10 to 30 V d.c.

Switching Voltage Output:
U_b - 1 V

Inducted Voltage:
0,5 V

Switching Current (see graph overleaf):
200 mA maximum

Switching Power:
6 W maximum

Response Time:
0,5 ms

Operating Frequency:
1 kHz

Operating Temperature:
- 20°C to +70°C

Protection Rating:
IP 66 (DIN 40050)

Cable Type:
PVC 3 x 0,25

Cable Length:
2 m

Materials:
Plastic body

Alternative Switches:
See page N 4.3.043.02



Ordering Information

To order a solid state (PNP) with 2 m cable length quote: M/42/2

To order a solid state (NPN) with 2 m cable length quote: M/41/2

Order mounting brackets separately.

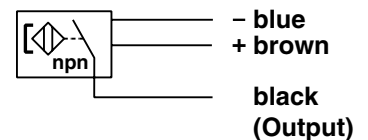
Accessories

Plug-in connectors

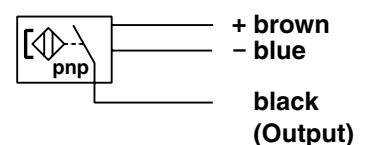
See page

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M/41



M/42





Alternative Switch

Symbol	Switches (with LED)	Description
	M/42/P	Plug-in connector, cable see below
	M/42*/PU	Very flexible polyurethane cable 3 x 0,25 (5 m length)

* Insert cable length

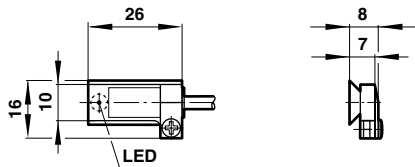
Weights for Switches and Plug-in Connector Cables

Plug-in Connector Cables		Plug-in Connector Cables					
Model	Weight (kg)	Model	Outer cover	Weight (kg)	Model	Outer cover	Weight (kg)
M/42/2	0,040	M/P34614/*	PVC	0,150	M/P34615/*	PVC	0,156
M/42/P	0,008	M/P34595/*	Polyurethane	0,130	M/P34596/*	Polyurethane	0,136

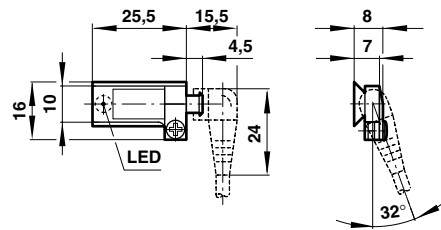
* Insert 5 m cable length

Basic Dimensions

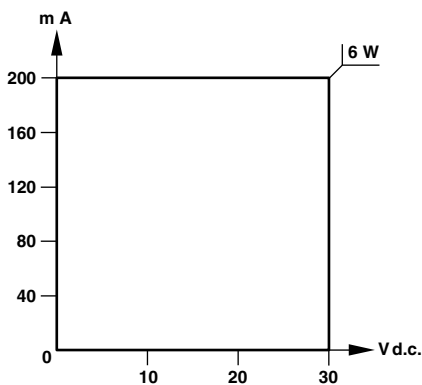
M/41, M/42



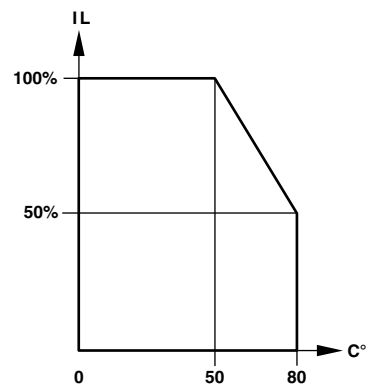
M/42/P



Switching current and switching voltage



Temperature curve



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.