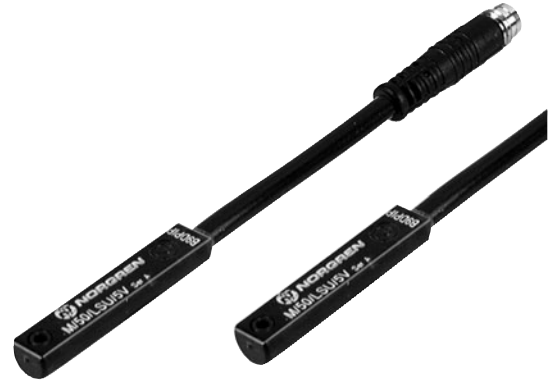


**Suitable for all cylinder ranges
with magnetic piston**

**Switches can be mounted flush
with the delivered special adaptor**

LED indicator on LSU models

**Alternative variants allows a wide range of
application**



Technical data

Operation:

M/50/LSU Normal offen mit LED (gelb)

Switching voltage (U_b):

10 to 240 V AC/170 V DC

Switching voltage output:

U_b - 2,7 V

Switching current (see graph overleaf):

0,18 A max.

Switching power:

10 W/10 VA max.

Note: Switch life may be greatly reduced when switching reactive loads, e.g. solenoid, relay, and long cable runs. In such cases the fitment of appropriate voltage/current limiting devices should be considered.

Contact resistance:

150 mΩ

Response time:

1,8 ms

Operating temperature:

-20°C to +80°C,

high temperature version: +150°C max.

Protection rating:

IP 66 (DIN 40050)

Shock resistance:

50 g (during 11 ms)

Vibration resistance:

35 g (bei 2000 Hz)

Cable type:

PVC, PUR or silikon: 2 x 0,25, PVC: 3 x 0,25

Cable length:

2, 5 or 10 m

Weight:

M/50/LSU/2V: 37 g, M/50/LSU/CP: 16 g

Materials:

Body: plastic

Ordering example

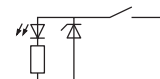
See page 2

Alternative variants

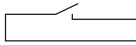
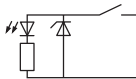
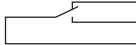
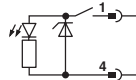
See page 2

Accessories

Plug-in connector with cable see page 2



Switch variants

Symbol	Switch (without LED)	Symbol	Switch (with LED)	Description
 BN BU	— TM/50/RAU/2S	 BN BU	M/50/LSU/*V — M/50/LSU/5U	Standard PVC cable 2 x 0,25 (2, 5 or 10 m length) High temperature (+150 °C), silikon cable 2 x 0,25 (2 m length) Very flexible PUR cable 2 x 0,25 (5 m length)
 BK BU BN	M/50/RAC/5V			Changeover PVC cable 3 x 0,25 (5 m length)
		 BN BK	M/50/LSU/CP	Switch with PVC cable (0,3 m length) and plug M8 x 1 Plug-in connector see page 3 Switching voltage 10 to 60 V a.c.75 V d.c.


* Insert cable length please
Color code: BK = black, BN = brown, BU = blue

Option selector

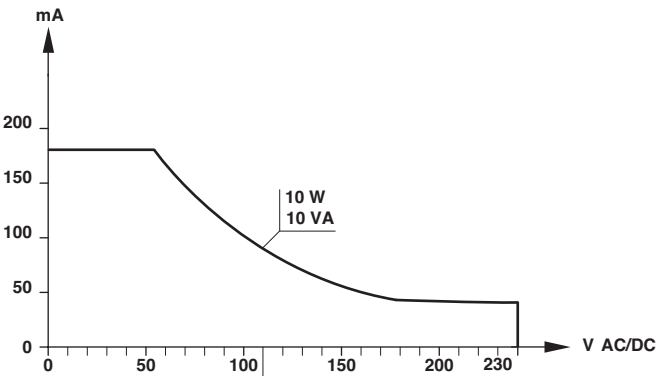
*M/50/***/**/*			
Variants	Substitute	Cable	Substitute
High temperature (+150°C)	T	Silikon	S
		PVC	V
		PUR	U
Type	Substitute	Cable length/plug	Substitute
Reed with LED	L	2 m	2
Reed without LED	R	5 m	5
		10 m	10
		Cable (0,3 m) with plug M8 x 1	CP
Switching voltage	Substitute		
Standard	A		
Special	S		
Function	Substitute		
Universal	U		
Changeover	C		

Ordering example
To order a reed switch with
LED and 2 m cable length
Quote: M/50/LSU/2V

Accessories

Plug-in connector cable with nut (M8x1)			
			
Type	Outer cover	Cable length	Weight (kg)
M/P73001/5	PVC 3 x 0,25	5 m	0,15
M/P73002/5	PUR 3 x 0,25	5 m	0,13

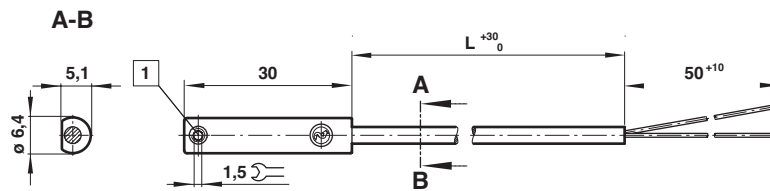
Switching current and switching voltage
M/50/LSU, M/50/RAC, M/50/RAU



Basic dimensions

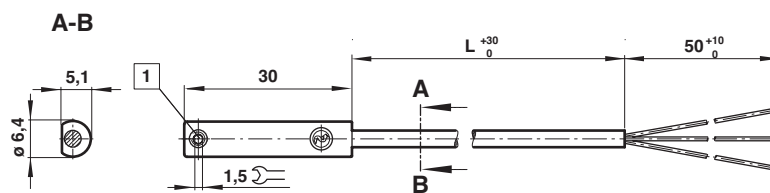
M/50/LSU/*V, M/50/LSU/5U, TM/50/RAU/2S

Cable length L = 2, 5 or 10 m

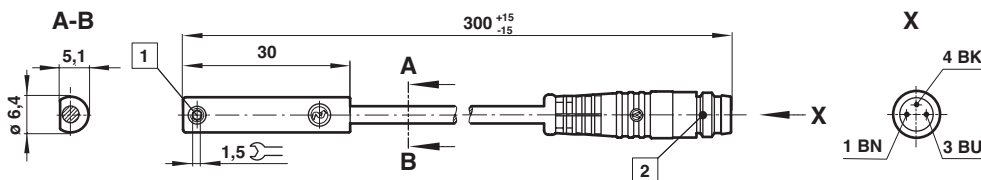


M/50/RAC/5V

Cable length L = 5 m



M/50/LSU/CP



- | | |
|---|--------------|
| 1 | Fixing screw |
| 2 | Plug M8x1 |
| | Color code |
| | BK = black |
| | BN = brown |
| | BU = blue |

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.