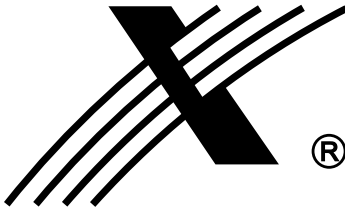


LMS023

DMX
Demux 8 (4-20 mA)

**OPERATION
MANUAL**



CONTENTS

1. General description.....	1
2. Safety conditions.....	1
3. Installation.....	1
4. Connectors and control parts.....	2
5. Technical specification.....	3
6. Declaration of conformity.....	4

Manufacturer reserves the right to make modifications in order to improve device operation.

*PXM s.c.
ul. Pasternik 19
31-354 Kraków*

*tel.: (0 12) 626 46 92
fax: (0 12) 626 46 94
E-mail: info@proxima.eu
Internet: www.proxima.eu*

1. GENERAL DESCRIPTION

LMS023 serves for processing the DMX-512 signal into current output in 4-20 mA standard. The unit is adapted for latch installation on standard "Euro" rails or to be installed inside the device.

2. SAFETY CONDITION

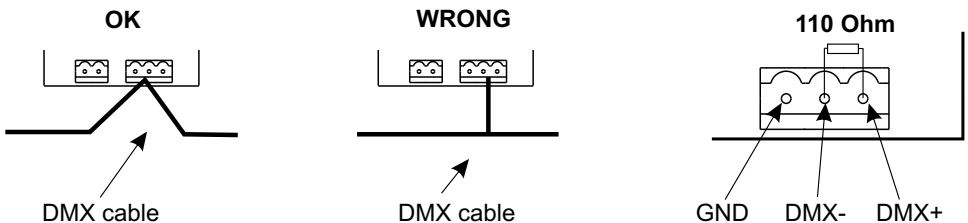
LMS023 is a device powered with safe voltage 12 V; however, during its installation and use the following rules must be strictly observed:

1. Device installation, in particular power connection, should be performed by a person holding appropriate qualifications, in line with the description in the instruction manual.
2. The device may only be connected to 12 V DC current (stabilized voltage) with current-carrying capacity compatible with technical data.
3. All the conductors should be protected against mechanical and thermal damage.
4. In the event of damaging any conductor, it should be replaced with a conductor of the same technical data and attestations.
5. Connection of DMX signal can only be made with shielded conductor.
6. The device can only be installed in closed casings.
7. All repairs and connections of outputs or DMX signal can only be made with power off.
8. LMS060 should be strictly protected against contact with water and other liquids.
9. All sudden shocks, particularly dropping, should be avoided.
10. The device cannot be turned on in places with humidity exceeding 90%.
11. The device cannot be used in places with temperature lower than 2°C or higher than 40°C.

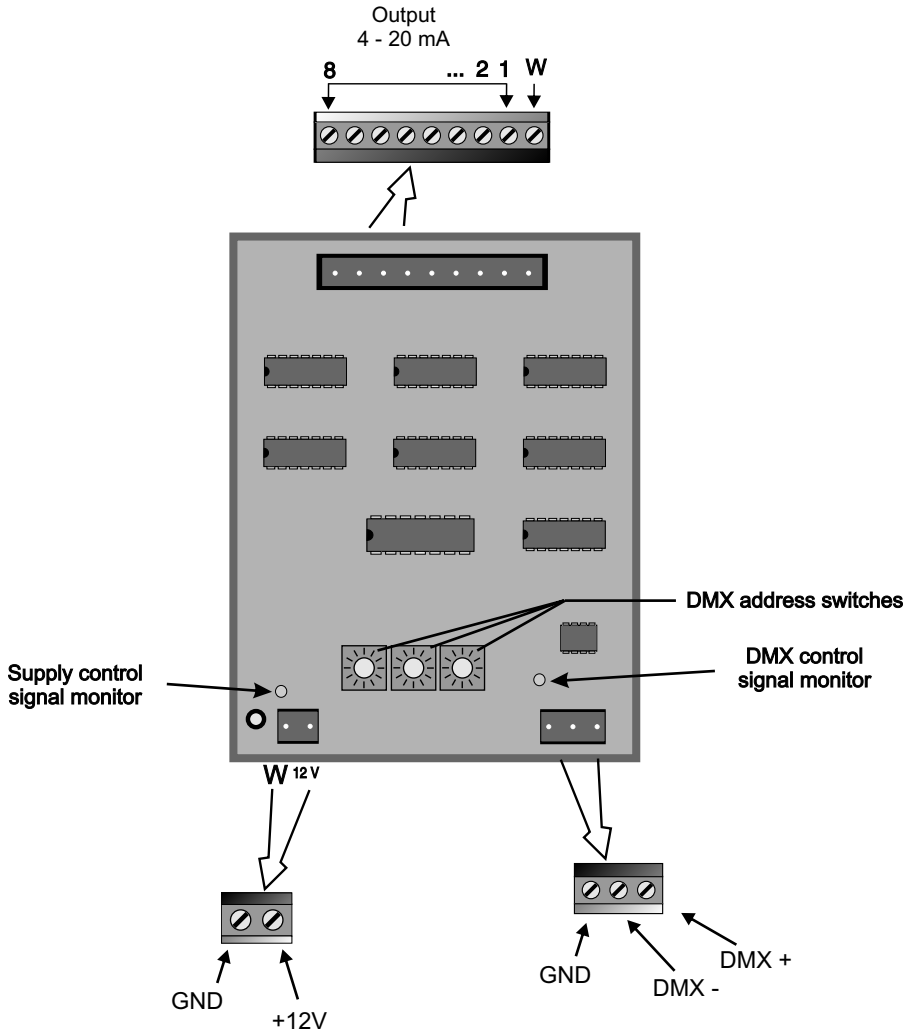
3. INSTALLATION

LMS023 must be connected to DMX line in series. This means that DMX connector at LMS023 must be connected to the control cable, and then from this connector the control cable should run to other DMX receivers.

If LMS023 is the last device in DMX line, then terminals "DMX+" and "DMX-" should be connected to a terminator - 110 Ohm resistor.



4. CONNECTORS AND CONTROL PARTS



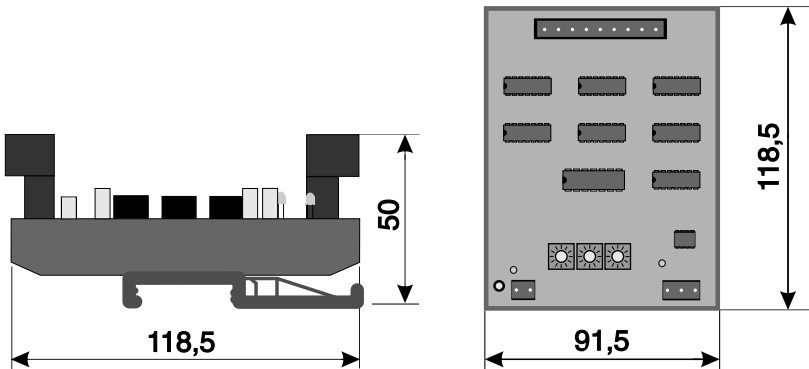
CAUTION !!!
STABILIZED VOLTAGE SUPPLY
+12V OBLIGATE

5. TECHNICAL SPECIFICATION

- DMX channels	512
- supply	12 V DC
- current consumption	max. 250 mA
- output channels	8
- output load	4-20 mA / channel
- output connectors	screws
- dimensions:	
- width	91,5 mm
- height	50 mm
- depth	118,5 mm



Dimensions [mm]





Ul. Pasternik 19
31-354 Kraków

tel: 012 626 46 92
fax: 012 626 46 94

info@proxima.eu
www.proxima.eu

DECLARATION OF CONFORMITY according to guide lines 89/336/EWG

Name of producer: PXM s.c.

Address of producer: ul. Przemysłowa 12
30-701 Kraków

declares that the product:

Name of product: **DMX DEMUX 4 - 20mA**

Type: **LMS023**

answers the following product specifications:

EMC: **PN-EN 55103-1**
PN-EN 55103-2

Additional informations:

1. All DMX512 inputs and outputs must be shielded and the shielding must be connected to the ground responding to the DMX connectors.
2. The device must be closed in a case.

Kraków, 01.09.2005

PXM s.c.
Danuta i Marek Żupnik
30-701 Kraków, ul. Przemysłowa 12
NIP 677-002-54-53

Marek Żupnik M.Sc.