

Connection system

Power cable - DE20001270-5M

The GDM linear unit is provided with two cables: power cable with PTC sensor connections.

1	Motor phase U	(Black, marked as " <u>1</u> ")
2	Motor phase V	(Black, marked as " <u>2</u> ")
3	Motor phase W	(Black, marked as " <u>3</u> ")
	Protective earth	(Yellow and green)
	Thermal switch	(Brown)
	Thermal switch	(White)



Note: The thermal switch connections can be also in black color. In this case the cross-section of these wires are smaller than the motor phase wires.

Signal cable



Note: This signal cable can be provided with the connector type used from the servo drive.

Function	Cable wire colors
0 VDC	Black
+5VDC +/-5%	Red
SIN+	Yellow
SIN-	Blue

COS+	Green
COS-	Orange
Shielding	Shield

From:
<https://dokuwiki.nilab.at/> - **NiLAB GmbH**
Knowledgebase

Permanent link:
https://dokuwiki.nilab.at/doku.php?id=ghm_linear_axes:connection_system

Last update: **2025/11/25 07:43**

