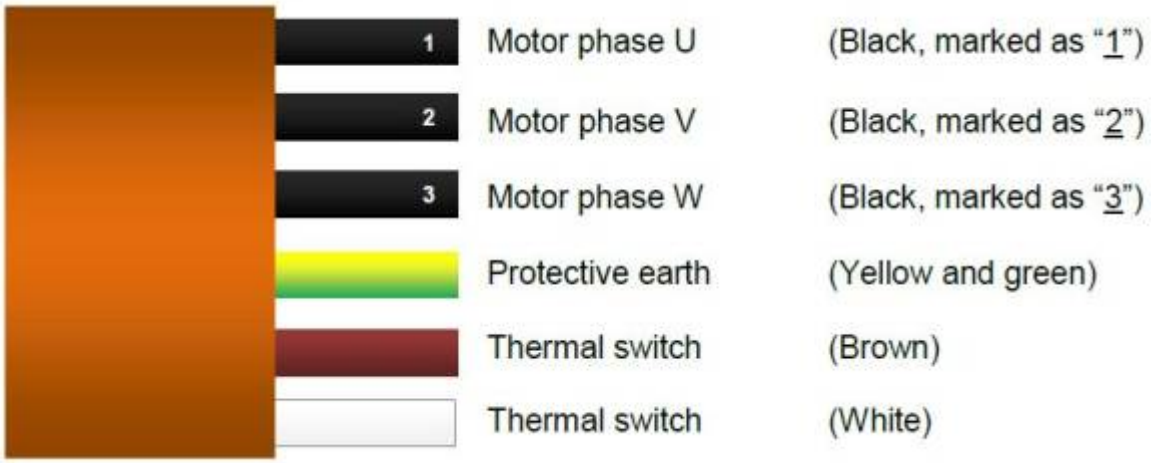
Connection system

This page describes the **connection system** of the GDM linear unit. The unit is provided with a power cable and a signal cable with PTC sensor connections.

Power cable - DE20001270-5M

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





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

Signal cable



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

Function	Cable wire colors
0 VDC	Black
+5VDC±5%	Red
SIN+	Yellow

SIN-	Blue
COS+	Green
COS-	Orange
Shielding	Shield

Wiring notes

- The **power cable** carries the motor phases and the thermal (PTC) sensor connections. - The **signal cable** carries the encoder signals (SIN/COS) and the 0 VDC / +5 VDC supply. - The thermal switch wires may be black with a smaller cross-section than the phase wires. - The signal cable can be supplied with the connector type used by the servo drive.

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