Sensor configuration 8

White Brown Green Yellow Grey Pink Blue Red (*)

Phase 1

Phase 2

Phase 3

KTY84 KTY84 KTY84 SNM120 S01.120

Sensor configuration H

White Brown Green Yellow Grey Pink Blue Red (*)

Phase 1

Phase 2

Phase 3

KTY84 KTY84 KTY84 KTY84 SNM120

Sensor configuration T

White Brown Green Yellow Grey Pink Blue

Phase 1

Phase 2

Phase 3

PT 1000 PT 1000 PT 1000

SNM 120

Power cable connection

Color and wire number | Function | Drawing
---|---|---
Black wire with number 1 or U | Phase 1 (PH1) |  
Black wire with number 2 or V | Phase 2 (PH2) |  
Black wire with number 3 or W | Phase 3 (PH3) |  
Yellow and green wire | Ground (GND) |  
Black wire with number Br1 or 5 or white cable | Neutral point wire (present only on some motor types) |  
Black wire with number Br2 or 6 or black wire without label | None(**) |  

(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1.5 mm² cable.

Wire section (mm²)

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>4 x 1.5</th>
<th>4 x 1.5 + 2 x 1.5</th>
<th>4 x 4</th>
<th>4 x 2.5</th>
<th>4 x 2.5 + 2 x 1.5</th>
<th>4 x 4</th>
<th>4 x 4 + 2 x 1.5</th>
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</tbody>
</table>

Minimum bend radius for fixed cable

R = 4 X D
R = 5 X D
R = 4 X D
R = 5 X D
R = 5 X D
R = 4 X D
R = 6 X D

Minimum bend radius for moving cable

R = 7.5 X D
R = 7.5 X D
R = 7.5 X D
R = 7.5 X D
R = 7.5 X D
R = 7.5 X D
R = 12 X D

(*) Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.