



HARTING M12/RJ45 system cable, 4-wire, Cat. 5

M12 cords

Features

- Connector types M12 D-coding - RJ45
- Category Cat. 5
- Number of wires 4
- Wiring See technical characteristics
- Sheath material PVC/PUR

Application

- Industrial cabling
- On machines and control units
- PROFINET transmission

Benefits

- Robust design
- Useable as trailing cable (type C)
- Overmoulded connectors

Technical characteristics

Connector types	HARTING M12 D-coding, overmoulded (IP65/IP67) RJ45 4 pole, contacts 1/2 and 3/6, overmoulded (IP20)															
Cable types	4 x AWG 22/7, Cat. 5, Star quad, double shielding															
Sheath material	PVC/PUR															
Wiring	4 pole															
Transmission performance	Cat. 5e, Class D up to 100 MHz acc. to ISO/IEC 11801, EN 50 173-1															
Transmission rate	10/100 Mbit/s															
Shielding	Fully shielded, 360° shielding contact															
Operating temperature range	-30 °C ... +70 °C															
Colour	Green/Black Red (SERCOS III)															
Contact assignment	<table border="0"> <thead> <tr> <th>Signal</th> <th>M12 D-coding</th> <th>RJ45</th> </tr> </thead> <tbody> <tr> <td>TD+</td> <td>1</td> <td>1</td> </tr> <tr> <td>TD-</td> <td>3</td> <td>2</td> </tr> <tr> <td>RD+</td> <td>2</td> <td>3</td> </tr> <tr> <td>RD-</td> <td>4</td> <td>6</td> </tr> </tbody> </table>	Signal	M12 D-coding	RJ45	TD+	1	1	TD-	3	2	RD+	2	3	RD-	4	6
Signal	M12 D-coding	RJ45														
TD+	1	1														
TD-	3	2														
RD+	2	3														
RD-	4	6														

Identification	Part number		
	PUR	PVC	SERCOS III PUR
HARTING M12/RJ45 system cable, 4-wire	Green	Black	Red
Length			
1.0 m	09 45 700 5022	09 45 700 5063	09 47 220 2003 018
3.0 m	09 45 700 5025	09 45 700 5066	09 47 220 2005 018
5.0 m	09 45 700 5027	09 45 700 5068	09 47 220 2007 018
10.0 m	09 45 700 5051	09 45 700 5073	09 47 220 2012 018
20.0 m	09 45 700 5053	09 45 700 5075	09 47 220 2014 018

Other cable lengths on request