

PRODUCT SHEET

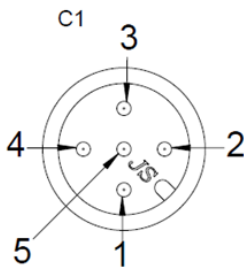
# M12-C312 cable

## 2TLA020056R2100

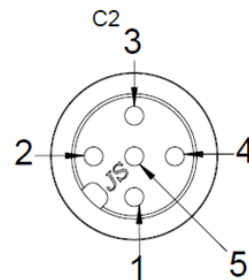
3 m cable 5 x 0.34 mm<sup>2</sup> + shield with straight M12-5 female + male connectors. Shield connected to pin3 (0V) on male connector.



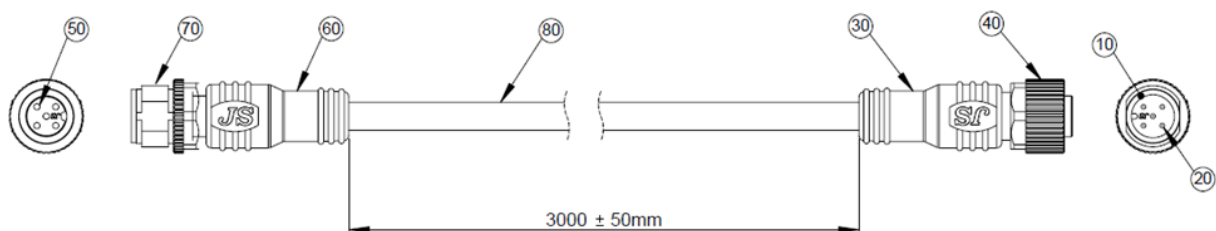
### Pin configuration



C1	Wire	C2
1	Brown	1
2	White	2
3	Blue	3
3	Shield	-
4	Black	4
5	Grey	5



### Material



Qty	Unit	Pos.	Description
1	pcs	10	O-ring green OD 9.6, ID 6.39
5	pcs	20	Female terminal (brass, 6u" gold plated)
2	g	30	M12 female housing (PA6.6 30%GF)
1	pcs	40	M12 brass nut nickel plated
5	g	50	Male terminal (brass, 6u" gold plated)
1	pcs	60	M12 male housing (PA6.6 30%GF)
1	pcs	70	M12 brass screw nickel plated
3050	mm	80	UL2426 OD 5.5mm (5x0,34mm <sup>2</sup> ) black PVC



## Ordering information

Description	Type	Order code
M12-C312 3m cable M12-5 female and male connector	M12 Cable	2TLA020056R2100

## Technical data

Technical data	
Specification	UL2464 22AWG
Conductor Size	22 tinned copper (AWG), 0.34mm <sup>2</sup>
Insulation Material	PVC (RoHS)
Insulation Outer Diameter	1.3 +/- 0.10 mm
Insulation Color	Brown, White, Blue, Black, Gray
Jacket Material	PVC (RoHS)
Jacket Outer Diameter	5.5 +/- 0.20 mm
Jacket Color	Black
Nominal Voltage	24 V DC
Maximum Rated Voltage	36 V DC
Maximum Rated Temperature	80 ° C
IP Class	IP67/IP69K
Conductor Resistance	60.25 Ω/KM 20° C
Insulation Resistance	2.5 MΩ/KM 25° C

## Cable markings

ABB  AWM 2464 22AWG VW-1 80°C 300V E343967 FINECABLES  
 AWM 22AWG I/II A FT1 80°C 300V +LF+ Max 36VDC

### ABB AB

#### Jokab Safety

Varlabergsvägen 11  
SE-43439 Kungsbacka  
Tel. +46 (0) 21-32 50 00

[www.abb.com/jokabsafety](http://www.abb.com/jokabsafety)

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