

## PRODUCT SHEET

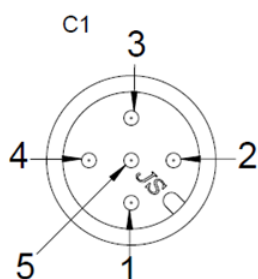
# M12-C2012 cable

2TLA020056R2400

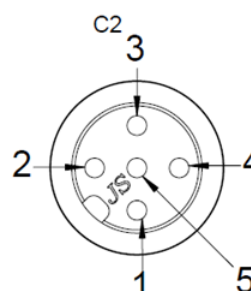
20 m cable 5 x 0.34 mm<sup>2</sup> + shield with straight M12 female + male connectors. Shield connected to pin3 (0V) on male connector.



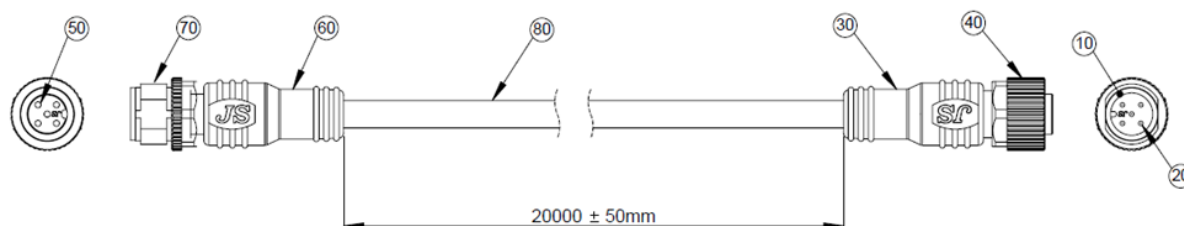
## Pin configuration



| 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,ID6.39                        |
| 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                     |
| 20050 | mm   | 80   | UL2426 OD5.5mm (5x0,34mm <sup>2</sup> ) black PVC |

## Ordering information

| Description                                         | Type      | Order code      |
|-----------------------------------------------------|-----------|-----------------|
| M12-C1012 20m cable M12-5 female and male connector | M12 Cable | 2TLA020056R2400 |

## 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

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