E10378

Connecting cable with socket





Article no longer available - archive entry M12 x1

Application		
Application		Ex zone 1
Electrical data		
Operating voltage	[V]	< 15 DC
Operating conditions		
Ambient temperature	[°C]	-2590
Protection		IP 67
Safety classification		
Max. internal capacitance	[nF]	0.196
Max. internal inductance	[μΗ]	4
Mechanical data		
Dimensions	[mm]	15 x 15 x 43
Materials		TPU blue
Moulded-body material		TPU, blue
Moulded-body material Material nut		TPU, blue brass, nickel-plated
<u> </u>		
Material nut		·
Material nut Remarks		brass, nickel-plated When using sockets in hazardous areas (ATEX)

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Electrical connection

Cable: 20 m, PUR / PVC, blue, Ø 5 mm; $4 \times 0.34 \text{ mm}^2$ ($42 \times Ø 0.1 \text{ mm}$)

Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Moulded body: TPU, blue; Locking: brass, nickel-plated; Tightening torque: 0.5 Nm



Connection

$$\begin{array}{ccc}
\mathbf{D}^{\frac{1}{2}} & & & \text{BN} \\
\mathbf{D}^{\frac{2}{2}} & & & \text{WH} \\
\mathbf{D}^{\frac{3}{2}} & & & \text{BU} \\
\mathbf{D}^{\frac{4}{2}} & & & \text{BK}
\end{array}$$

Core colours:

 BK =
 black

 BN =
 brown

 BU =
 blue

 WH =
 white