

Cables and connectors

Preassembled cables

M12 connection technology

With connector, 5 pin



Female connector with coupling nut, A coded, straight

PVC cable, 8 x 0.205 mm² [AWG24]
seawater resistant, recyclable, PWIS free,
acid/alkali/oil/ozon/UV resistant

DT04 connector, 6 pin, male contacts, straight



SAE J1939

Order details

Order no.

for Bus in / out

Cable length

2 m [6.56']

05.00.6091.22C7.002M

5 m [16.40']

05.00.6091.22C7.005M

...

xx m

05.00.6091.22C7.0xxM

standard cable length
(further on request)

xx = length in meters:
2, 5, 10, 15, 20, 30

Technical data

Connector

material housing plastic
protection IP67

Wire cross sections

8 x 0.205 mm² [AWG24]

Working temperature range

-40 °C ... +105 °C [-40 °F ... +221 °F]

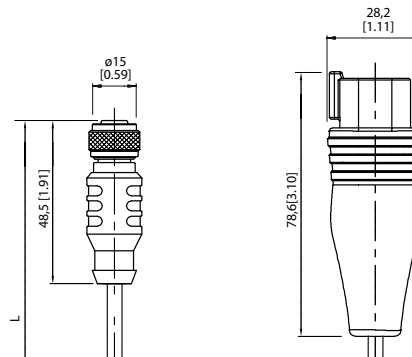
Bending radius cable min.

flexible installation 130 mm [5.12"]
fixed installation 60 mm [2.36"]

Cable sheath

cable diameter approx. 6.5 mm ±0.2 mm
material sheath PVC

Dimensions in mm [inch]



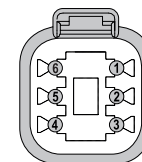
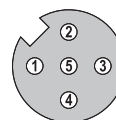
Connections

Terminal assignment

Pin M12 female con.:	1	2	3	4	5	–
Pin DT04 male con.:	1	2	3	4	5	6
Core color:	BN	GY	WH	GN	BU	n.c.

Shield on housing

Plug-in face, A coded



Suitable for our series

Encoders singleturn	Encoders multiturn	Draw-wire encoders	Linear measuring systems	Inclinometers	Slip rings
M3658A(R) / M3678A M5858A	M3668(R) / M3688 M5868	A41 A50 B75 B80 C60 C100 C105 C120 D120 D125 D135	Limes KIT TB1	IN88	SR160