DATA SHEET

AB-C5-M12T-2XM12FS DN



Description

Valid from:

12.09.2019

• Sensor/actuator T-connector, 5-pos., A-coded, parallel

distributor

M12 socket to M12 plug and M12 socket

Also suitable for CANopen



General characteristics

Type of connection M12

Protection class IP 65 / IP 67

Number of pins 5

Coding A-standard

Ambient Temperature (operation) -25 to +90 °C (-13 to 194 °F)

Mechanical characteristics

Contact, material CuZn
Contact surface, material Ni/Au
Contact carrier, material TPU GF

Grip body, material TPU, hardly inflammable, self-extinguishing

Knurl, material Zinc die-cast, nickel-plated

Seal, material NBR Inflammability class acc. to UL 94 HB

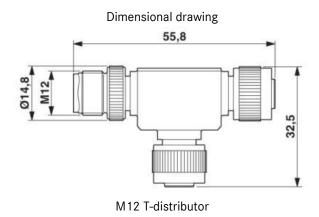
Electrical characteristics

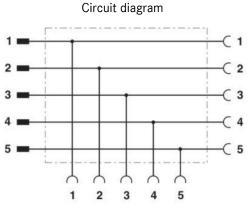
 $\begin{array}{lll} \mbox{Rated voltage} & 60 \mbox{ V} \\ \mbox{Rated current} & 4 \mbox{ A} \\ \mbox{Overvoltage category} & II \\ \mbox{Pollution degree} & 3 \\ \mbox{Contact resistance} & \leq 3 \mbox{ m}\Omega \\ \mbox{Insulation resistance} & \geq 100 \mbox{ M}\Omega \end{array}$

Creator: MOKO2/PDP	Document: DB22260765EN	Dage 1 of 2
Released: IVSE1/PDP	Version: 04	Page 1 of 2

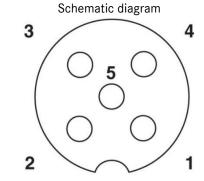
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Valid from: 12.09.2019	AB-C5-M12T-2XM12FS DN	WLAPP

Technical Drawing

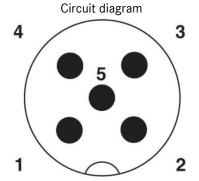




Contact assignment of the M12 T-distributor



Pin assignment socket M12, A-coded, 5-pos.



Pin assignment plug M12, A-coded, 5-pos.

Application range

Machine and equipment manufacturing

Note

Photographs are not to scale and do not represent detailed images of the respective products..

Creator: MOKO2/PDP	Document: DB22260765EN	Dogo 2 of 2
Released: IVSE1/PDP	Version: 04	Page 2 of 2