22260347

DATA SHEET

Valid from: 17.09.2018

AB-C4-M12MS-(L*)PUR-M8FS



Description

- Sensor / actuator cable, 4-pins, PUR halogen-free, black grey RAL 7021
- Straight M12-plug on straight M8-jack



General characteristics

Number of pins 4

Ambient temperature -40 to +80 °C (-40°F to 176°F) (cable, fixed installation)

-25 to +80 °C (-13°F to 176°F) (cable, movable installation)

Degree of protection IP 65 / IP 67 / IP 68

Coding A-standard

Variants

Material	Description	Length (L*) [m]	Configuration
22260347	AB-C4-M12MS-0.3PUR-M8FS	0.3	Straight – straight
22260349	AB-C4-M12MS-0.6PUR-M8FS	0.6	Straight – straight
22260350	AB-C4-M12MS-1.0PUR-M8FS	1	Straight – straight
22260348	AB-C4-M12MS-2.0PUR-M8FS	2	Straight – straight
22260924	AB-C4-M12MS-5,0PUR-M8FS	5	Straight – straight

Electrical properties

Rated voltage	30 V
Rated current at 40 °C	4 A
Over voltage category	II
Pollution degree	3

Mechanical properties

Plug & jack

Inflammability class according to UL 94 HB
Contact CuSn
Contact surface Ni / Au
Contact carrier TPU GF

Material, Knurl Zinc diecasting, nickel-plated

Handle TPU Seal NBR

Line

Creator: SHNA3/PDP	Document: DB22260347EN	Page 1 of 2
Released: IVSE1/PDP	Version: 04	

22260347

DATA SHEET

Valid from: 17.09.2018

AB-C4-M12MS-(L*)PUR-M8FS

Bending radius Number of bending cycle Traveling distance Travel speed Acceleration Cable weight Outer coating, material

Flame resistance

Oil resistance

Wire insulation, material Halogen-free

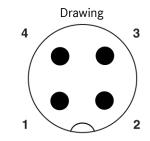
4000000 10 m 3 m/s 5 m/s^2 25 kg/km **PUR** PP

44 mm

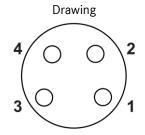
Acc. UL style 20549

Acc. DIN VDE 0472 part 815 Acc. DIN EN 60811-2-1

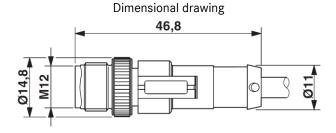
Technical drawing



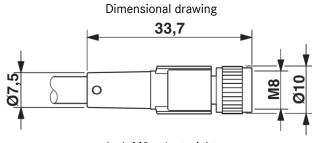
M12-plug, 4-pins, A-coding



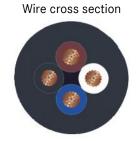
M8-jack, 4-pins, A-coding

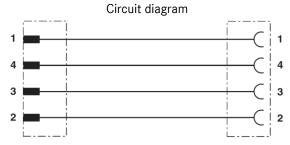


Plug M12 x 1, straight



Jack M8 x 1, straight





Contact assignment in the M12-plug and the M8-jack

Application range

Automation, Tool shop, Mechanical Engineering and plant engineering

Note

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

Creator: SHNA3/PDP	Document: DB22260347EN	Doza 2 of 2
Released: IVSE1/PDP	Version: 04	Page 2 of 2