


## DATASHEET

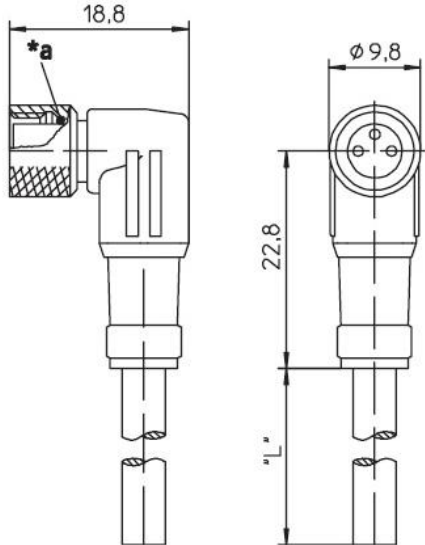
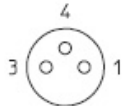
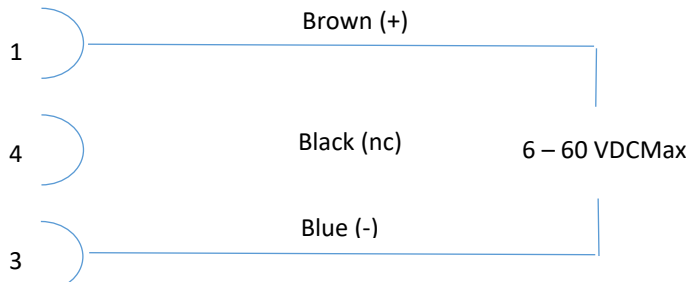
### Product information ACCS616211-M8-10MTR

<b>Name</b>	ACCS616211-M8-10MTR
	
	Cordsets, single-ended, for Actuator/sensors and distribution boxes, M8 female connector, angled, with self-locking threaded joint and molded cable, 3 poles, PUR jacket, halogen free, black, 10 meters.
<b>Product description</b>	
Type	ACCS616211-M8-10MTR
Description	Cordsets, single-ended, for Actuator/sensors and distribution boxes, M8 female connector, angled, with self-locking threaded joint and molded cable, 3 poles, PUR jacket, halogen free, black, 10 meters.
Note	The application of these products in harsh environments should always be checked before use.
Number of contacts	3
Color of housing	Black translucent
Product characteristics	Vibration resistance, Drag chains, Oil resistance
<b>Mechanical data</b>	
Type of plug-in contact	Female connector
Design of housing	Angled
Thread	M8
Design of electrical connection	Connector M8
LED display present	✘
<b>Environmental conditions</b>	
Environmental temperature	-40 °C ... 90 °C
Degree of protection (IP), mounted	IP67 / IP69K
Pollution degree	3
<b>Materials</b>	
Housing material / Molded body	TPU
Contact bearer material	PA/TPU
Contact material	CuZn
Contact material - Surface refinement	Pre-nickel and 0.8 microns gold-plated
Knurled screw / nut material	CuZn, nickel-plated
Sealing material	FKM
<b>Electrical data</b>	
Contact resistance	≤ 5 mΩ
Rated current in	4 A at 40°C
Nominal voltage	60 V
Rated voltage	63 V
Test voltage	1.5 kV eff./60 s

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Insulation resistance	> 1 GΩ
<b>Approvals</b>	
Approvals	UL
<b>Cable</b>	
Cable length	10 m
Cable description	Cable for sensors and Actuators
Color of jacket	Black
Material of outer jacket	PUR
Without halogens as in EN 50267-2-3	✓
Shielded	✗
Welding spark proof	✗
Outer diameter of the cable	4.3 mm
Number of conductors	3
Cable design	3 x 0.34 mm <sup>2</sup>
Conductor design	43 x 0.10 mm
Flame resistant according to standard	Yes

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Picture Drawing	
	<div style="text-align: center;">  </div> <p style="text-align: right; margin-right: 100px;">*a O-Ring O-ring</p> <p style="text-align: center;"><b>3 poles</b></p> <div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="margin-left: 10px;"> <p>1 = brown: + (Pos)</p> <p>3 = blue: - (Neg)</p> <p>4 = black: not connected</p> </div> </div> <p><b>CONNECTION SCHEME TO IVIB161410-24V-PWR</b></p> <div style="margin-top: 20px;">  </div>