

SACB-8/ 4P- 5,0PUR-M8 - Housing



1680076

<https://www.phoenixcontact.com/us/products/1680076>

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Housing, connection method: M8 socket, number of slots: 8, number of positions: 4, slot assignment: single, status display: no, Universal; master cable connection: Fixed connection 180°, PUR/PVC, cable length: 5 m

Commercial data

Item number	1680076
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF40
Product key	AF3BCA
GTIN	4017918158262
Weight per piece (including packing)	1.006 kg
Weight per piece (excluding packing)	1.006 kg
Customs tariff number	85444190
Country of origin	CZ

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Technical data

Product properties

Product type	Distributor box
Number of positions	4
Number of slots	8

Electrical properties

Max. operating voltage U_{max}	30 V DC
Nominal voltage U_N	24 V DC
Rated current, total	12 A
Max. current carrying capacity per path	2 A

Connection data

Conductor connection

Sensor/actuator connection system	M8 socket
Tightening torque slot sensor/actuator cable	0.2 Nm

Signaling

Status display present	no
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Material specifications

Material Housing	PA 6.6
Flammability rating according to UL 94	V0

Cable/line

Cable length	5 m
Cable type	Master cable suitable for flexible cable conduit
Connection method	Fixed connection
Outside diameter	10.9 mm
Conductor cross-section signal conductor	0.34 mm ²
AWG signal line	22
AWG power supply	18
Ambient temperature (operation)	-30 °C ... 70 °C (for fixed installation) -5 °C ... 70 °C (for flexible installation)

Environmental and real-life conditions

Ambient conditions

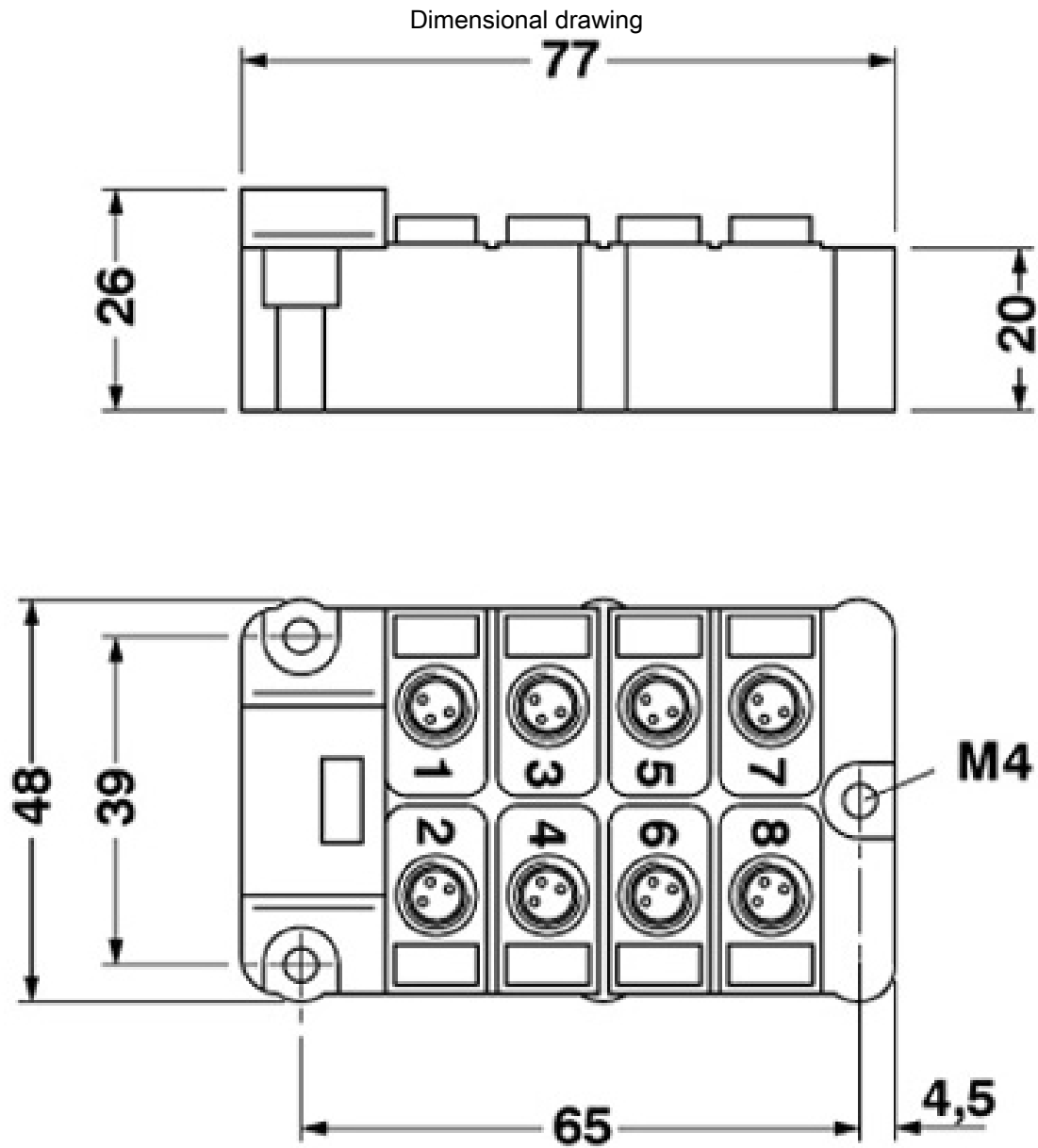
Degree of protection	IP65
Ambient temperature (operation)	-20 °C ... 80 °C

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Drawings



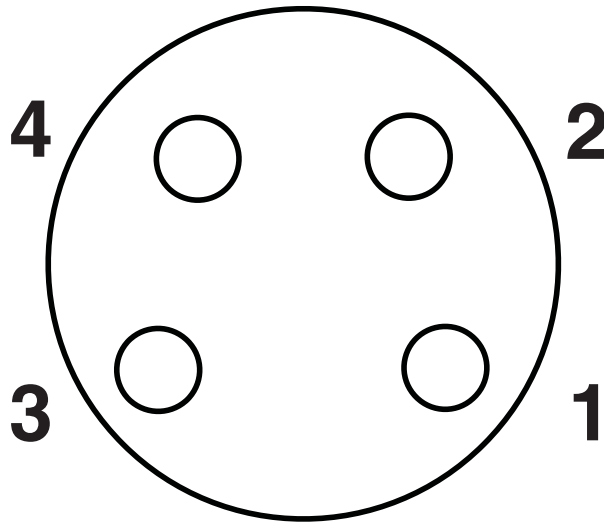
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Schematic diagram



Pin assignment, socket M 8 (female side)

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Classifications

ECLASS

ECLASS-13.0	27440108
ECLASS-15.0	27440108

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Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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