

Y distributor - SAC-8PY-MY/M-FD SH - 1410630

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Y distributor, Ethernet hybrid CAT5 (100 Mbps), 8-position, shielded, Plug straight M12 SPEEDCON, Y-coded, on Socket straight M12 SPEEDCON, D-coded and Plug straight M12 SPEEDCON, A-coded, Power with Ethernet (PWE), Thread M12 plug A-coded and M12 socket not rotatable

Why buy this product

- Safe use in the field, thanks to a high degree of protection
- Reliable signal transmission - 360° shielding in environments with electromagnetic interference
- Save time, thanks to installation with SPEEDCON fast locking system



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 924719
GTIN	4046356924719

Technical data

Dimensions

Center distance	21 mm
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 80 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	4 A (Power)
	0.5 A (Data)
Rated voltage	30 V AC (Power and data)
	30 V DC (Power and data)
Number of positions	8
Insulation resistance	≥ 100 MΩ
Coding	Y - hybrid

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Technical data

General

Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	Ethernet hybrid CAT5 (IEC 11801), 100 Mbps
Status display	No
Overvoltage category	III
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)

Material

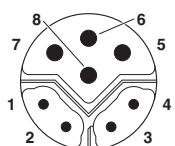
Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Ni/Au
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Additional material specifications	PP (Contact carrier, Y-coded, data) PA 6.6 (Contact carrier, Y-coded, power) TPE-U (Contact carrier, A-coded) TPE-U (Contact carrier, D-coded)

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	HB

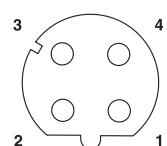
Drawings

Schematic diagram



M12 hybrid plug pin assignment, 8-pos., Y-coded, pin side view

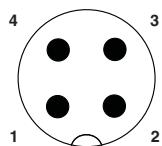
Schematic diagram



Pin assignment M12 socket, 4-pos., D-coded, female side

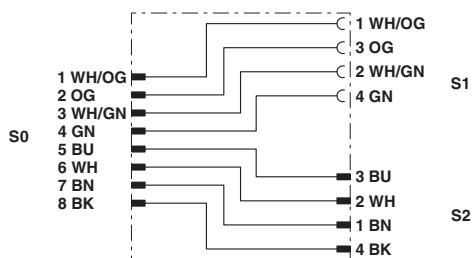
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Schematic diagram



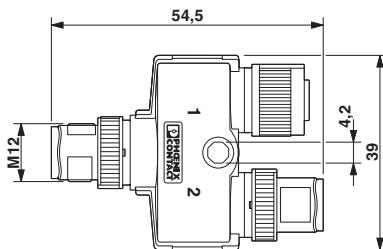
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Circuit diagram



Contact assignment of the M12 Y distributor

Dimensional drawing



M12 Y distributor

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