

## M12 fem. recept. X-cod. / RJ45 male 0° shielded

TPE 4x2x26AWG SF/UTP CAT6a bu UL/CSA. CMR 5m

Art.No.: 7700-51551-S4X0500

Weight: 0.36

Country of origin: DE

Model designation: MSXBFH-RA-08D S4X 5.0-ZS

## USA

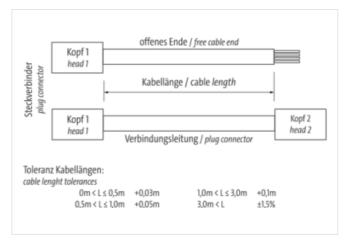
Transmission properties with channel transmission up to 50 m Ethernet CAT6A Flange female straight – male straight RJ45 – M12, 8-pole X-coded shielded Rear mounting

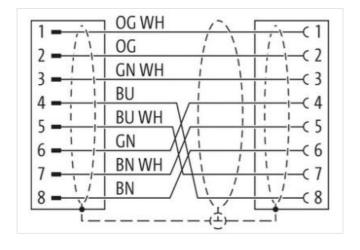
## **Link to Product**

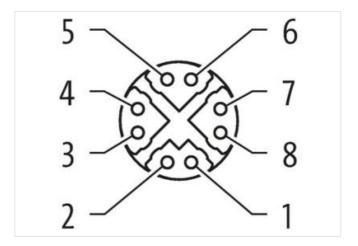
without cable sleeves Protection cap

## Illustration



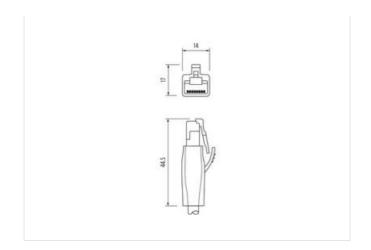


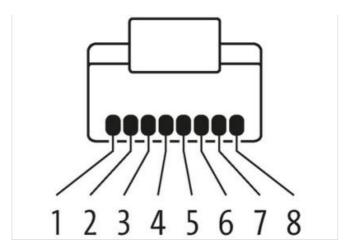


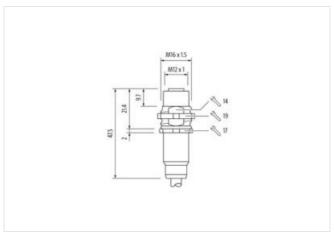




stay connected







Product may differ from Image













Cable length	5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Gender	female
Cable outlet	straight
Coding	X
No. of poles	8
Width across flats	SW17
Degree of protection (EN IEC 60529)	IP67
Side 2	
Mounting method	inserted
Family construction form	RJ45
Gender	male
Cable outlet	straight



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Coding	X
No. of poles	8
Degree of protection (EN IEC 60529)	IP20
Commercial data	
ECLASS-6.0	27279221
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC002599
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879718660
EAN	4048879718660
Packaging unit	1
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	60 V
Operating voltage DC (UL-listed)	30 V
Operating current max.	0,5 A
Industrial communication	
Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	10 GBit/s
	10 dalits
Diagnostics	
Status indication LED	no
Installation   Connection	
Mounting set	M16 x 1.5
Installation   Pin assignment	
Configuration	fully used
Device protection   Electrical	,
	Secretal consent
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage  Material group (IEC 60664-1)	0,8 kV
,	<u>'</u>
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating of fitting	nickel plated
Color contact carrier	green
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes  Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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Installation   Cable	(avance white avance) (blue white blue) (become white become)
wire arrangement	(orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green)
Cable identification	S4X
Function cable	Data
Jacket Color	blue
Type of Certificate	cURus
Amount stranding	4
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	4 Stranded joints around Insulation element twisted
Banding	Foil
Filler	Insulation element
vire arrangement	(orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green)
Cable length max.	66 m
Cable weigth	65,48 g/m
Material jacket	TPE
reedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	7,4 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	HDPE
Amount wires	8
Outer diameter insulation	0,9 mm
Outer diameter tolerance core insulation	±5%
ngredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	7
Diameter of single wires	26 AWG
Conductor crosssection (wire)	26 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	600 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Characteristic impedance	100 Ω @ 100 MHz
Electrical resistance line constant wire	212 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 2 s
Electrical capacity line constant (wire - wire)	84850 pF/km
Power frequency withstand voltage (wire - acket)	1,5 kV @ 2 s
oop resistance	424 Ω/km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °C
lame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
hemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Dil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	4 x Outer diameter
Bending radius (dynamic)	4 x Outer diameter
No. of bending cycles (C-track)	35 Mio. @ 25 °C
Fravel are ad (C track)	0,6 m @ 25 °C
Fravel speed (C-track)	1,2 m/s @ 25 °C
No. of torsion cycles	3 Mio. 25 °C

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Torsion stress  $\pm$  270 °/m @ 25 °C

Torsion speed 60 cycles/min 25 °C