

**M12 female recept. D-cod. shielded rear**

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 10m

Ethernet CAT5

Flange female

M12, 4-pole

D-coded

shielded

Rear mounting

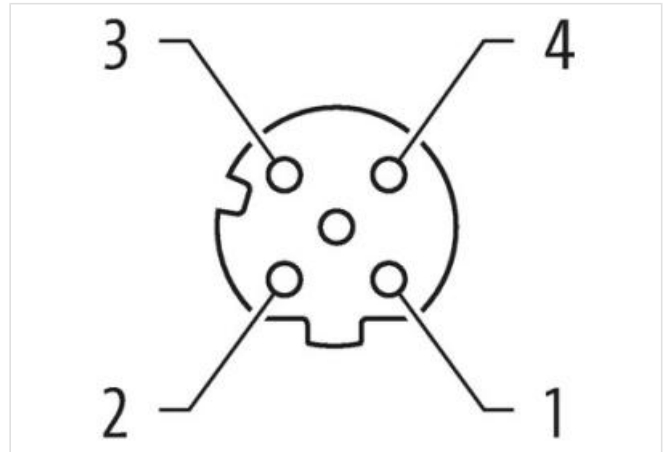
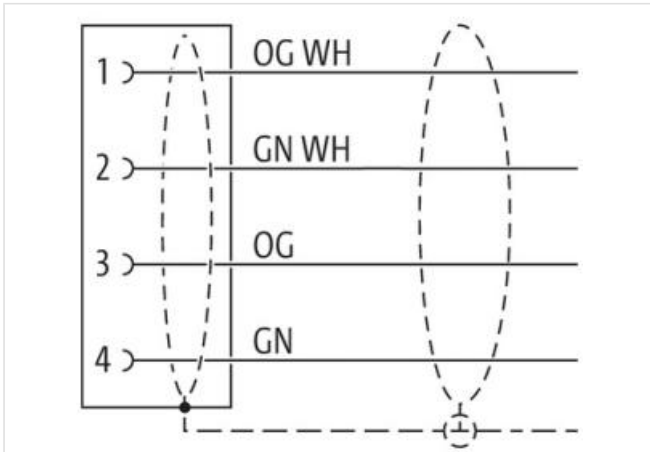
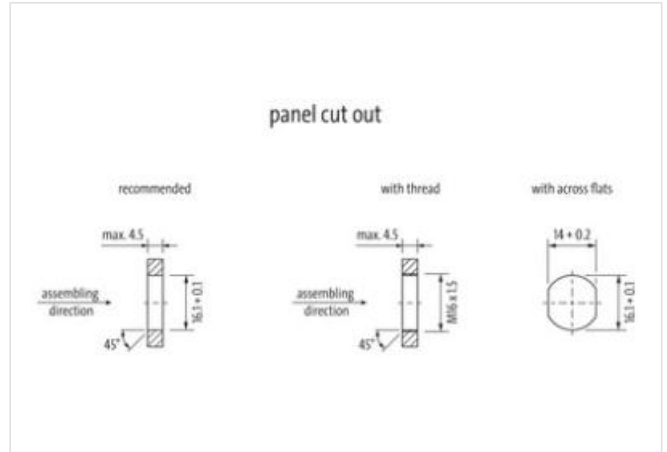
USA

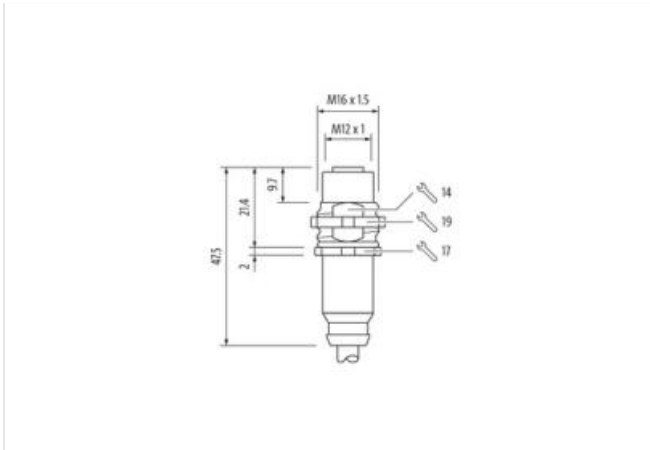
Further cable lengths on request.

The resistance to aggressive media should be individually tested for your application. Further details on request.

**제품 링크**

**일러스트**





실제 제품은 이미지와 다를 수 있습니다.



Cable length 10 m

**Side 1**

Mounting method inserted, screwed  
 Family construction form M12  
 Thread M12 x 1  
 Coding D  
 No. of poles 4  
 Width across flats SW14  
 Degree of protection (EN IEC 60529) IP67

**Side 2**

Stripping length (jacket) 20 mm  
 Family construction form free cable end

**제품자료**

ECLASS-6.0 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  
 GTIN 4048879602143  
 세번부호 85444290  
 포장단위 1

**Electrical data | Supply**

Operating voltage DC max. 60 V  
 Current operating per contact max. 1,5 A

**Industrial communication**

Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  
 Data transmission rate max. 100 MBit/s

**Industrial communication | Ethernet functionality**

duplex Full duplex

**Installation | Connection**

Stripping length (jacket) 20 mm

**Device protection | Electrical**

Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

**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.
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

**Installation | Cable**

wire arrangement	(orange-white, orange), (green-white, green)
Cable identification	S4U
Function cable	Data
Jacket Color	teal
Type of Certificate	cURus
Amount stranding	2
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	75 %
Banding	Foil
wire arrangement	(orange-white, orange), (green-white, green)
Cable length max.	83 m
Cable weight	55,66 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	6,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	HDPE
Amount wires	4
Outer diameter insulation	1,22 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 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	2,4 A
Characteristic impedance	100 Ω @ 100 MHz
Electrical resistance line constant wire	76,4 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 2 s

이 데이터 시트에 포함된 정보는 최대한의 주의로 작성되었습니다.  
2024-06-24

Power frequency withstand voltage (wire - jacket)	1,5 kV @ 2 s
Loop resistance	280 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
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic)	4 x Outer diameter
No. of bending cycles (C-track)	35 Mio.
Traversing distance (C-track)	0,6 m
Travel speed (C-track)	1,2 m/s
No. of torsion cycles	3 Mio.
Torsion stress	± 270 °/m
Torsion speed	60 cycles/min