WIL-EXXXX-RXSS-5700-X700-M8DX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

The E-series, with standard and premium lights, is ideal for focused lighting in work areas. Swiveling mounting brackets provide the necessary flexibility in the positioning of the lighting field. Thanks to the built-in M8 connectors, a simple and quick connection is given and allows the connection of several lights. The cover made of robust PMMA not only provides the necessary protection (IP54) but also ensures a homogeneous illumination with 5.700K.

General ordering data

Order No.	2899730000
Type	WIL-EXXXX-RXSS-5700-X700-M8DX
GTIN (EAN)	4064675906780
Qty.	1 pc(s).

WIL-EXXXX-RXSS-5700-X700-M8DX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	35 mm	Depth (inches)	1.378 inch
Height	35 mm	Height (inches)	1.378 inch
Width	700 mm	Width (inches)	27.559 inch
Net weight	421 g		

Temperatures

Operating temperature	-20 - 45°C

Cable technical specifications

Housing main material	hard anodised aluminium

Connection data

LED Modul is attachable	yes	Version	pin, straight - socket, straight
Number of poles	4	Coding	A-coded
Connection thread	M8 / M8	Tightening torque	0.6 Nm
Wiring	Pin 1: control white LED 24V DC, Pin 2: NC, Pin 3: GND(-), Pin 4: NC		

Electric data

Rated voltage	24 V DC	Rated current	704.2 mA
Power	16.9 W	Dimmable	yes, stepless dimming

General technical data

Electronic equipment on rolling stock	No	Shape of the LED module	Round
Type of connection	Pin connector, Socket connector	Light colour (CCT)	5700K, White
Light current	1,214 lm	Emitting angle	120 °
Illumination level	530 lux	Operating life	60.000 h
Type of mounting	Screw mounting	Drill hole spacing	709 mm
Protection degree	IP54		

Material data

Material of LED cover	PMMA	Housing main material	hard anodised aluminium

Classifications

ETIM 6.0	EC000996	ETIM 7.0	EC000996
ETIM 8.0	EC000996	ETIM 9.0	EC000996
ETIM 10.0	EC000996	ECLASS 9.1	27-11-06-35
ECLASS 10.0	27-11-06-35	ECLASS 11.0	27-11-06-35
ECLASS 12.0	27-11-06-35	ECLASS 13.0	27-11-06-35
ECLASS 14.0	27-11-06-35	ECLASS 15.0	27-11-06-35

WIL-EXXXX-RXSS-5700-X700-M8DX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

Approvals	
Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E354496

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	3ecd7eed-9477-489c-b868-70515b8da84d

Downloads

Engineering Data	CAD data – STEP
User Documentation	AINST-WIL-E GUIDE WIL-E Demontage
Catalogues	Catalogues in PDF-format

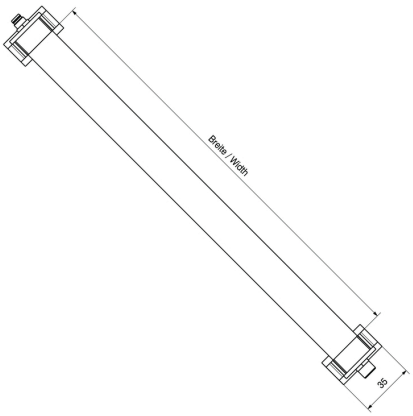
WIL-EXXXX-RXSS-5700-X700-M8DX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

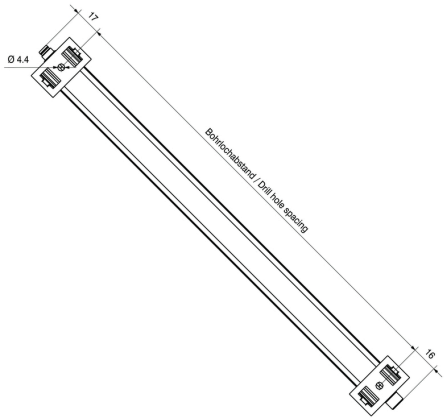
www.weidmueller.com

Drawings

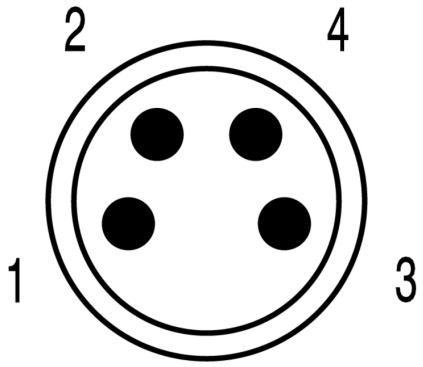
Dimensioned drawing



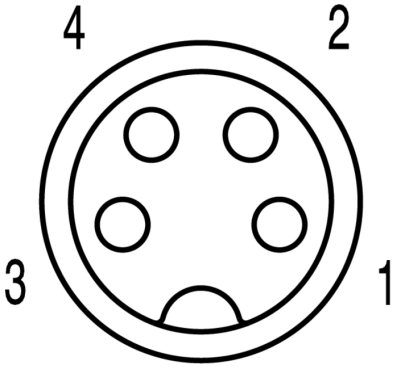
Dimensioned drawing



Pole scheme



Pole scheme



WIL-EXXXX-RXSS-5700-X700-M8DX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

PUR halogen-free black (U)

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.
Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.
Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M8BG-4-10U	Version
Order No.	9457851000	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248285693	poles : 4, 10 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M8BG-4-3.0U	Version
Order No.	9457850300	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248403394	poles : 4, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M8BG-4-5.0U	Version
Order No.	9457850500	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248229208	poles : 4, 5 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M8BG-4-1.5U	Version
Order No.	9457850150	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248403387	poles : 4, 1.5 m, Female socket, straight, Shielded: No, LED: No,
Qty.	1 pc(s).	Sheath material: PUR, Halogen: No

WIL-EXXXX-RXSS-5700-X700-M8DX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

PUR halogen-free black (U)

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.
Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.
Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M8G-4-1.5U	Version
Order No.	1906270150	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248541652	poles : 4, 1.5 m, pin, straight, Shielded: No, LED: No, Sheath material:
Qty.	1 pc(s).	PUR, Halogen: No
Type	SAIL-M8G-4-5.0U	Version
Order No.	1906270500	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248541645	poles : 4, 5 m, pin, straight, Shielded: No, LED: No, Sheath material:
Qty.	1 pc(s).	PUR, Halogen: No
Type	SAIL-M8G-4-10U	Version
Order No.	1906271000	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248664030	poles : 4, 10 m, pin, straight, Shielded: No, LED: No, Sheath material:
Qty.	1 pc(s).	PUR, Halogen: No
Type	SAIL-M8G-4-3.0U	Version
Order No.	1906270300	Sensor/actuator line, One end without connector, M8, Number of
GTIN (EAN)	4032248541638	poles : 4, 3 m, pin, straight, Shielded: No, LED: No, Sheath material:
Qty.	1 pc(s).	PUR, Halogen: No

WIL-EXXXX-RXSS-5700-X700-M8DX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

Straight

Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.
Male plugs and female sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M8 round plug-in connectors are particularly suited to applications where space is limited.
The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Type	SAIBGS-P-4A-3.5/5-M8	Version
Order No.	1803880000	Field attachable connector, M8
GTIN (EAN)	4032248259861	
Qty.	1 pc(s).	

Type	SAISGS-P-4A-3.5/5-M8	Version
Order No.	1803850000	Field attachable connector, M8
GTIN (EAN)	4032248259830	
Qty.	1 pc(s).	

PUR halogen-free black (U)

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.
Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.
Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M8GM8G-4-1.0U	Version
Order No.	1880470100	Sensor/actuator line, Connecting line, M8 / M8, Number of poles :
GTIN (EAN)	4032248555499	4, 1 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No

Type	SAIL-M8GM8G-4-3.0U	Version
Order No.	1880470300	Sensor/actuator line, Connecting line, M8 / M8, Number of poles :
GTIN (EAN)	4032248487875	4, 3 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No

WIL-EXXXX-RXSS-5700-X700-M8DX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Accessories

Type	SAIL-M8GM8G-4-2.0U	Version
Order No.	1880470200	Sensor/actuator line, Connecting line, M8 / M8, Number of poles :
GTIN (EAN)	4032248733965	4, 2 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No