

#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com









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**

Version	Sensor/actuator line, One end without connector, M8, Number of poles: 4, 30 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<u>1927263000</u>
Туре	SAIL-M8BG-4-30V
GTIN (EAN)	4050118211924
Qty.	1 pc(s).



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

**General technical data** 

**Electrical properties** 

Dimensions and weights	
Net weight	898.48 g

Technical specifications for cable			
Cable length	30 m	Colour coding	brown, white, blue, black
Configurable cable length	No	Core cross-section	0.25 mm <sup>2</sup>
Halogen	Yes	Insulation	PVC
Irradiation crosslinked	No	Number of poles	4
Outer cladding in accordance with l		Outside diameter	
AWM style	2464 (80 °C / 300 V)	<u>_</u>	$4.8 \text{ mm} \pm 0.2 \text{ mm}$
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	black	Shielded	No
Suitable for cable carriers	No	Temperature range, moving	-580 °C
Temperature range, stationary	-3080 °C	Torsion resistance	0 °/m
Welding spark resistance	No	-	

#### Coding A-coded Connection thread M8 Contact surface Gold-plated Housing main material PUR LED Insulation strength $10^8 \Omega$ No ≥ 100 Pollution severity Plugging cycles 3 IP65, IP66, IP67, IP68, Rated current Protection degree 4 A when screwed in

Rated voltage	30 V	Temperature range of housing	-25+85 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm
Version	Female socket, straight	jumpered	No

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	30 V

General standards			
Certificate no. (cULus)	E307231	Connector standard	IEC 61076-2-104
Standards			

Connector standard	IEC 61076-2-104	
Plug, left		
Plug left	M8, IP69, female contact, straight, Plastic, unshield- ed	

Plug, right	
Plug right	free conductor end



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

#### Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11
ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

#### **Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

#### **Approvals**

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

#### **Downloads**

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	<u>FL FIELDWIRING EN</u>



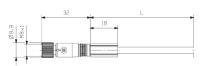
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

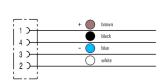
### **Drawings**

### **Dimensioned drawing**

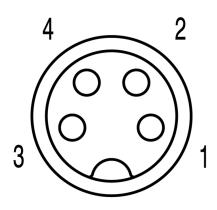


Straight socket

#### Wiring diagram



#### Pole scheme



Socket

The ideal tool: Screwty ® with torque function



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F