

M12 MALE CONN. , STRAIGHT, PVC CABLE

✓ ACTIVE

AMP | AMP M12

TE Part # 1-1838240-1

TE Internal #: 1-1838240-1

[View on TE.com >](#)



Cable Assemblies > Copper Cable Assemblies > M8/M12 Sensor Cable Assemblies



Connector Type: **Plug**
Number of Positions: **5**
Housing Material: **Polyurethane**
Cable Assembly Length: **500 mm**
Configuration: **Single-Ended**

Features

Product Type Features

LED	Without
Cable Type	PVC
Product Type	Cable Assembly
Connector Type	Plug
Shielded	No

Configuration Features

Number of Positions	5
Configuration	Single-Ended

Body Features

Connector Color	Black
Wire Color	Brown, White, Blue, Black, Green
Cable Exit Angle	Straight
Environmental Protection	With
Insulation Material	PVC
Cable Jacket Color	Black

Mechanical Attachment

Screw & Hole Thread Size	M12
Mounting Angle	Straight

Housing Features

--	--



Housing Material	Polyurethane
------------------	--------------

Dimensions

Overall Outside Cable Diameter	5.5 mm
Conductor Diameter	.645 mm
Wire Size	.34 mm²
Cable Assembly Length	500 mm

Usage Conditions

Operating Temperature Range	-20 – 80 °C
-----------------------------	-------------

Packaging Features

Packaging Method	Bag
Packaging Quantity	25

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JUN 2016 (169)
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.



Also in the Series | AMP M12



Linear Position Sensors - LVDT/LVIT(1)



M8/M12 Sensor Cable Assemblies(121)



Portable Crimp Tools(33)

Customers Also Bought



TE Part #7-1393246-0
W23-X1A1G-3=W23/W31



TE Part #6-1393114-5
KUHP-11AT1-120=KU



TE Part #7-1393114-2
KUHP-11DT1-12=KU



TE Part #2-1393118-7
KUP-14D35-24=KU



TE Part #2-34126-2
TERMINAL,SOLIS R 16-14 3 /8



TE Part #3-1393159-3
20C176=SPRING

Documents

Product Drawings

M12 MALE CONN. , STRAIGHT, PVC CABLE

English

CAD Files

Customer View Model

ENG_CVM_1-1838240-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1-1838240-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_1-1838240-1_C.2d_dxf.zip

English

3D PDF

M12 MALE CONN. , STRAIGHT, PVC CABLE

TE Part # 1-1838240-1
TE Internal #: 1-1838240-1



English

[Datasheets & Catalog Pages](#)
[M8 / M12 Connector System Catalog](#)
English