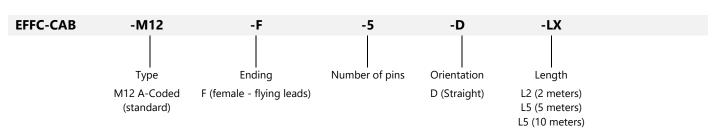
EFFC-CAB-M12-F-5-D-LX
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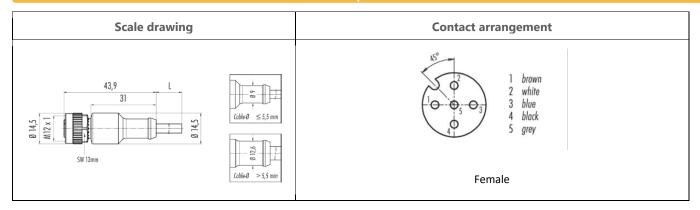




Cable description

M12 Single-Ended Cordset: Female, straight, 5 contacts, A-coded, unshielded, 60 V DC, 4 A; PVC grey cable, 5-wires, 0.34mm²

Technical specifications



General features

Connector design	Female cable connector
Type standard	DIN EN 61076-2-101
Cable length	2m, 5m or 10m
Version	Connector socket straight
Connector locking system	screw
Termination	moulded on the cable
Degree of protection	IP69K
Cross-sectional area	0.34 mm ² / AWG 22
Temperature range from/to	-25 °C / 90 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	2m: 183g / 5m: 310g / 10m: 523g
Customs tariff number	85444290
Country of Origin	DE

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	1500 V
Rated current	4.0 A
Insulation resistance	≥ 10¹\(\Omega\)
Pollution degree	3
Overvoltage category	
Insulating material group	
EMC compliance	unshielded



Mini Parc du Verger – Bâtiment E

1 Rue de Terre Neuve 91940 LES ULIS, FRANCE



Cables EFFC-CAB-M12-F-5-D-LX

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Material

Housing material	PUR
Contact body material	PUR
Contact material	CuSn (bronze)
Contact plating	Au (gold)
Locking material	Zinc die-cast nickel-plated
REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Authorization/approvals

Approvals	UL

Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60529:1991;EN 60204-1:2018)
RoHS Directive	2011/65/EU (EN 50581:2012)

Cable data

Cable diameter	5.2 mm
Cross section	5 x 0.34 mm ²
Sheath material	PVC
Single-lead insulation	PVC
Single-lead structure	42 x 0.10 mm
Cable color	grey
Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 10 x Ø
Bending cycles	> 2 million
Permitted acceleration	$5 \text{ m/s}^2 + 1 \text{ m/s}^2$
Travel distance, horizontal	5 m/s ² -> 5 m
Travel distance, vertical	5 m/s ² -> 2 m
Travel speed	≤ 200 m/min (5 m horizontal distance)
Temperature range cable in move from/to	-5 °C / 105 °C
Temperature range cable fixed from/to	-40 °C / 105 °C
Halogen free	no

Note: EFFILUX is only reselling this cable without any change made on the product. All technical and compliancy informations on this datasheet are provided by our supplier.

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