

Industrial Ethernet
IE-FCM-RJ45-FJ-B

Weidmüller Interface GmbH & Co. KG
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Service interface FrontCom[®] Micro with RJ45 in IP65

General ordering data

Type	IE-FCM-RJ45-FJ-B
Order No.	1018820000
Version	FrontCom Micro RJ45 module, TIA-568B
GTIN (EAN)	4032248730070
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Wall thickness, max.	3 mm	Wall thickness, min.	1 mm
Net weight	40 g		

Temperatures

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...70 °C	Storage temperature	
Installation temperature			

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General data

Tightening torque fixing nut	2 Nm	Connection 1	RJ45
Connection 2		Description of article	FrontCom Micro RJ45 module
	IDC	Colour code	black
Wiring	TIA-568B	Insulation cross-section, max.	1.6 mm
Housing main material	PA UL 94 V0	Contact surface	Gold over nickel
Category	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)	Connection diameter, flexible	0.48...0.76 mm
Connection diameter, solid	0.4...0.64 mm	Sheath diameter, min.	5.5 mm
Conductor connection cross-section, flexible (AWG)	AWG 26...AWG 22	Type of mounting	Cabinet, Distribution box
Sheath diameter, max.	10 mm	Protection degree	IP65, in closed state
Shielding	360°; shield contact		
Plugging cycles	750		

Electrical properties

PoE / PoE+	conforming to IEEE 802.3at
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Standards

Connector standard	IEC 60603-7-5 1	Certificate no. (cULus)	E316369
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Classifications

ETIM 3.0	EC001134	ETIM 4.0	EC001134
ETIM 5.0	EC001134	ETIM 6.0	EC001121
eClass 5.1	27-25-05-04	eClass 6.2	27-25-05-04
eClass 7.1	27-25-05-04	eClass 8.1	19-17-01-25
eClass 9.0	27-44-03-90	eClass 9.1	27-18-90-90

Approvals

Approvals



ROHS	Conform
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Data sheet**Industrial Ethernet
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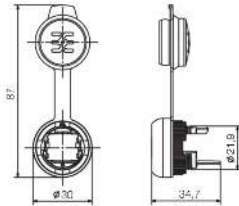
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Technical data**Downloads**

Approval/Certificate/Document of Conformity	DUXR.E316369
Brochure/Catalogue	CAT 9 IETH 15/16 EN FL FIELDWIRING EN PI FRONTCOM EN PI PROFINET CABLING EN
Engineering Data	WSCAD
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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Drawings**Dimensioned drawing****Installation cut-out**