

**Industrial Ethernet
IE-FCM-RJ45-FJ-A****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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Germany

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www.weidmueller.com

Service interface FrontCom[®] Micro with RJ45 in IP65**General ordering data**

Type	IE-FCM-RJ45-FJ-A
Order No.	1018810000
Version	FrontCom Micro RJ45 module, TIA-568A
GTIN (EAN)	4032248730063
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	3.5 g		

Temperatures

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

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	IDC	Description of article	FrontCom Micro RJ45 module
Wiring	TIA-568A	Colour	black
Housing main material	PA UL 94 V0	Insulation cross-section, max.	1.6 mm
Category	Cat.6A / Class E _A (ISO/IEC 11801 2010)	Contact surface	Gold over nickel
Connection diameter, solid	0.4...0.64 mm	Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22
Connection diameter, flexible	0.48...0.76 mm	Conductor connection cross-section, flexible (AWG)	AWG 26...AWG 22
Sheath diameter, min.	5.5 mm	Sheath diameter, max.	10 mm
Type of mounting	Cabinet, Distribution box	Shielding	360°; shield contact
Protection degree	IP65, in closed state	Plugging cycles	750

Electrical properties

PoE / PoE+	conforming to IEEE 802.3at
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Standards

Connector standard	IEC 60603-7-51	Certificate no. (cULus)	E316369
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Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
eClass 9.0	27-44-03-90	eClass 9.1	27-18-90-90
eClass 10.0	27-44-03-90		

Approvals

Approvals



ROHS	Conform
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Technical data

Downloads

Approval/Certificate/Document of
Conformity

[DUXR.E316369](#)

Brochure/Catalogue

[CAT 9 IETH 18/19 EN](#)

[FL FIELDWIRING EN](#)

[PI FRONTCOM EN](#)

[PI PROFINET CABLING EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

User Documentation

[MAN IE GUIDE DE](#)

[MAN IE GUIDE EN](#)

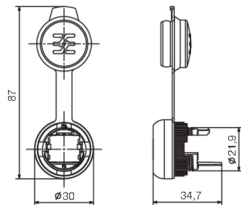
[Manual](#)

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Drawings

Dimensioned drawing



Installation cut-out

