

**Industrial Ethernet  
IE-FCM-RJ45-FJ-P**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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www.weidmueller.com



Service interface FrontCom<sup>®</sup> Micro with RJ45 in IP65

**General ordering data**

Type	IE-FCM-RJ45-FJ-P
Order No.	<a href="#">1018830000</a>
Version	FrontCom Micro RJ45 module, PROFINET
GTIN (EAN)	4032248730087
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	39.6 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	PROFINET	Colour	black
Housing main material	PA UL 94 V0	Insulation cross-section, max.	1.6 mm
Category	Cat.5 (ISO/IEC 11801)	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	Shielding	360°; shield contact
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 60603-7-5 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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**Technical data****Downloads**

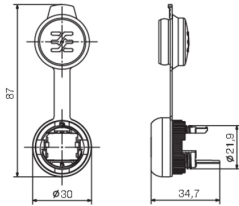
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Approval/Certificate/Document of Conformity	<a href="#">DUXR.E316369</a>
Brochure/Catalogue	<a href="#">CAT 9 IETH 18/19 EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI FRONTCOM EN</a> <a href="#">PI PROFINET CABLING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>

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