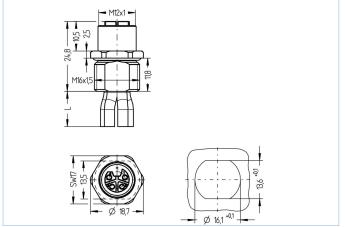


Receptacle, M12, female, straight, 4 poles, L-coded, front wall-mounting, wire contact, POWER







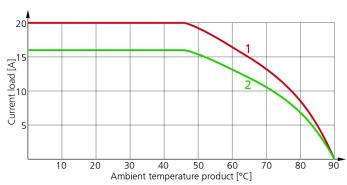


Item description PL-FW112KU4-0,5/M16/55025 Item No. 8110541 Customs tariff-No. 8544290 Packaging unit 5 Step-File PL-FW112KU4-m_M16_55025.stp EAN 4047106305475 Special PNO compliant Technical data Connector female, straight, M12 Number of pins 4 Coding L Rated voltage 63Voc Current load per pin (at 40°C) 16A Resistance ≤ 3mΩ Ambient temperature product -30°C+90°C Contact material Metal, CuZn, gold-plated Contact-carrier material Metal, CuZn, nickel-plated Sealing (female) material PPM/FKM Mounting direction Front wall-mounting (without fixing screw) Wire closs BN, WH, BU, BK Wire cross-section 4 x 2.5 mm² Wire insulation material PVC Fastening thread M16x1.5	Product data	
Customs tariff-No. 85444290 Packaging unit 5 Step-File PL-FVM12KU4-m_M16_S5025.stp EAN 4047106305475 Special PNO compliant Technical data Connector female, straight, M12 Number of pins 4 Coding L Rated voltage 63Voc Current load per pin (at 40°C) 16A Resistance ≤ 3mΩ Ambient temperature product -30°C+90°C Contact material Metal, CuZn, gold-plated Contact-carrier material Metal, CuZn, nickel-plated Receptacle housing material Metal, CuZn, nickel-plated Sealing (female) material FPM/FKM Mounting direction Front wall-mounting (without fixing screw) Wire colors BN, WH, BU, BK Wire cross-section 4 x 2.5 mm² Wire insulation material PVC	Item description	PL-FVM12KU4-0,5/M16/S5025
Packaging unit 5 Step-File PL-FVM12KU4-m_M16_S5025.stp EAN 4047106305475 Special PNO compliant Technical data Connector Number of pins 4 Coding L Rated voltage 63Vcc Current load per pin (at 40°C) 16A Resistance ≤ 3mΩ Ambient temperature product -30°C+90°C Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, BK Receptacle housing material Metal, CuZn, nickel-plated Sealing (female) material FPM/FKM Mounting direction Front wall-mounting (without fixing screw) Wire colors BN, WH, BU, BK Wire cross-section 4 x 2.5 mm² Wire insulation material PVC	Item-No.	8110541
Step-File PL-FVM12KU4-m_M16_55025 stp EAN 4047106305475 Special PNO compliant Technical data Connector female, straight, M12 Number of pins 4 Coding L Rated voltage 63V∞ Current load per pin (at 40°C) 16A Resistance ≤ 3mΩ Ambient temperature product -30°C+90°C Contact material Metal, CuZn, gold-plated Contact-carrier material Metal, CuZn, nickel-plated Sealing (female) material Metal, CuZn, nickel-plated Sealing (female) material FPM/FKM Mounting direction Front wall-mounting (without fixing screw) Wire length 0.50m Wire colors BN, WH, BU, BK Wire cross-section 4 x 2.5 mm² Wire insulation material PVC	Customs tariff-No.	85444290
EAN4047106305475SpecialPNO compliantTechnical dataConnectorfemale, straight, M12Number of pins4CodingLRated voltage63VocCurrent load per pin (at 40°C)16AResistance≤ 3mΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialMetal, CuZn, nickel-platedReceptacle housing materialMetal, CuZn, nickel-platedSealing (female) materialFPM/FKMMounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Packaging unit	5
Special PNO compliant Technical data Connector female, straight, M12 Number of pins 4 Coding L Rated voltage 63Vbc Current load per pin (at 40°C) 16A Resistance ≤ 3mΩ Ambient temperature product -30°C+90°C Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, BK Receptacle housing material Metal, CuZn, nickel-plated Sealing (female) material FPM/FKM Mounting direction Front wall-mounting (without fixing screw) Wire length 0.50m Wire colors BN, WH, BU, BK Wire cross-section 4 x 2.5 mm² Wire insulation material PVC	Step-File	PL-FVM12KU4-m_M16_S5025.stp
Technical dataConnectorfemale, straight, M12Number of pins4CodingLRated voltage63VocCurrent load per pin (at 40°C)16AResistance≤ 3mΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKReceptacle housing materialMetal, CuZn, nickel-platedSealing (female) materialFPM/FKMMounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	EAN	4047106305475
Connectorfemale, straight, M12Number of pins4CodingLRated voltage63VpcCurrent load per pin (at 40°C)16AResistance≤ 3mΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKReceptacle housing materialMetal, CuZn, nickel-platedSealing (female) materialFPM/FKMMounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Special	PNO compliant
Number of pins4CodingLRated voltage63VpcCurrent load per pin (at 40°C)16AResistance≤ 3mΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKReceptacle housing materialMetal, CuZn, nickel-platedSealing (female) materialFPM/FKMMounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Technical data	
CodingLRated voltage63VocCurrent load per pin (at 40°C)16AResistance≤ 3mΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKReceptacle housing materialMetal, CuZn, nickel-platedSealing (female) materialFPM/FKMMounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Connector	female, straight, M12
Rated voltage 63Vpc Current load per pin (at 40°C) 16A Resistance ≤ 3mΩ Ambient temperature product -30°C+90°C Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, BK Receptacle housing material Metal, CuZn, nickel-plated Sealing (female) material FPM/FKM Mounting direction Front wall-mounting (without fixing screw) Wire length 0.50m Wire colors BN, WH, BU, BK Wire cross-section 4 x 2.5 mm² Wire insulation material PVC	Number of pins	4
Current load per pin (at 40°C)16AResistance≤ 3mΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKReceptacle housing materialMetal, CuZn, nickel-platedSealing (female) materialFPM/FKMMounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Coding	L
Resistance≤ 3mΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKReceptacle housing materialMetal, CuZn, nickel-platedSealing (female) materialFPM/FKMMounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Rated voltage	63V _{DC}
Ambient temperature product Contact material Metal, CuZn, gold-plated Contact-carrier material Receptacle housing material Sealing (female) material Mounting direction Front wall-mounting (without fixing screw) Wire length O.50m Wire colors BN, WH, BU, BK Wire cross-section 4 x 2.5 mm² Wire insulation material -30°C+90°C Metal, CuZn, nickel-plated FPM/FKM Metal, CuZn, nickel-plated FPM/FKM Front wall-mounting (without fixing screw) O.50m BN, WH, BU, BK	Current load per pin (at 40°C)	16A
Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, BK Receptacle housing material Metal, CuZn, nickel-plated Sealing (female) material FPM/FKM Mounting direction Front wall-mounting (without fixing screw) Wire length 0.50m Wire colors BN, WH, BU, BK Wire cross-section 4 x 2.5 mm² Wire insulation material PVC	Resistance	≤ 3mΩ
Contact-carrier material Receptacle housing material Metal, CuZn, nickel-plated FPM/FKM Mounting direction Front wall-mounting (without fixing screw) Wire length O.50m Wire colors BN, WH, BU, BK Wire cross-section 4 x 2.5 mm² Wire insulation material Plastic, PA, BK Metal, CuZn, nickel-plated FPM/FKM Front wall-mounting (without fixing screw) 0.50m BN, WH, BU, BK Vire cross-section 4 x 2.5 mm² PVC	Ambient temperature product	-30°C+90°C
Receptacle housing materialMetal, CuZn, nickel-platedSealing (female) materialFPM/FKMMounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Contact material	Metal, CuZn, gold-plated
Sealing (female) materialFPM/FKMMounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Contact-carrier material	Plastic, PA, BK
Mounting directionFront wall-mounting (without fixing screw)Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Receptacle housing material	Metal, CuZn, nickel-plated
Wire length0.50mWire colorsBN, WH, BU, BKWire cross-section4 x 2.5 mm²Wire insulation materialPVC	Sealing (female) material	FPM/FKM
Wire colorsBN, WH, BU, BKWire cross-section $4 \times 2.5 \text{ mm}^2$ Wire insulation materialPVC	Mounting direction	Front wall-mounting (without fixing screw)
Wire cross-section 4 x 2.5 mm ² Wire insulation material PVC	Wire length	0.50m
Wire insulation material PVC	Wire colors	BN, WH, BU, BK
	Wire cross-section	4 x 2.5 mm ²
Fastening thread M16x1.5	Wire insulation material	PVC
	Fastening thread	M16x1.5



Connecting type	Wire contact
Standards	IEC 61076-2-111
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3
Style	straight

Derating curve according to DIN 60512-5-2



- 1: Base curve
- 2: Derived curve according to DIN 60512-5-2 with correction factor 0.8

Classification	
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440103
ETIM 5.0	EC002061
ETIM 6.0	EC002061