SURE-SEAL

SURE-SEAL® IP67 M5 SERIES CATALOG



PEI-Genesis™

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Technical Information

Wire Gauge Conversion Chart

Conversion between American Wire Gauge (AWG), Circular Mil Area (CMA), and approximate metric millimeter squared (mm2) wire sizes.

Diameter			Area	
AWG	in.	mm	CMA	mm²*
4/0 (0000)	0.46	11.68	212000	120
3/0 (000)	0.41	10.41	168000	95
2/0 (00)	0.365	9.27	133000	70
1/0 (0)	0.325	8.26	106000	50
1	0.289	7.34	83700	-
2	0.258	6.55	66400	35
3	0.229	5.82	52600	-
4	0.204	5.18	41700	25
5	0.182	4.62	33100	-
6	0.162	4.11	26300	16
7	0.144	3.66	20800	-
8	0.128	3.25	16500	10
9	0.114	2.90	13100	-
10	0.102	2.59	10400	6
11	0.091	2.31	8230	-
12	0.081	2.06	6530	4
13	0.072	1.83	5180	-

Diameter			Area	
AWG	in.	mm	CMA	mm²*
14	0.062	1.57	4110	2.5
15	0.057	1.45	3260	-
16	0.051	1.30	2580	1.5
17	0.045	1.14	2050	1
18	0.040	1.02	1620	0.75
19	0.036	0.91	1290	-
20	0.032	0.81	1020	0.5
21	0.0285	0.72	810	-
22	0.0253	0.643	642	0.34
23	0.0226	0.574	509	-
24	0.0201	0.511	404	0.25
25	0.0179	0.45	320	-
26	0.0159	0.404	254	0.14
27	0.0142	0.361	202	-
28	0.0126	0.320	160	0.08
29	0.0113	0.29	127	-
30	0.01	0.254	101	0.05

*Nearest metric wire size
Use to Convert American Wire Gauge to Diameter and Circular Mil Area.

How to Order

M5 Series With Molded Cable

1	2		3	4		5	6
IPM-M5	**A3**	**-**	**M**	**WL**	**-**	**1.5**	**U**
SERIES	CODING & # CONTACTS		GENDER	ANGLE		ASSEMBLY LENGTH	CABLE SHEATH & SHIELDING

SERIES
IPM-M5 = M5

CODING & # CONTACTS
A3 = 3 Contacts, A Coding
A4 = 4 Contacts, A Coding

GENDER
F = Female
M = Male

ANGLE
WL = Straight
RA-WL = Right Angle (non-shielded)

ASSEMBLY LENGTH
1.5 = 1.5 meters
2.0 = 2 meters
3.0 = 3 meters
5.0 = 5 meters
10 = 10 meters

CABLE SHEATH & SHIELDING
(blank) = PVC, Unshielded
S = PVC, Shielded
U = PUR, Unshielded
US = PUR, Shielded

How to Order

M5 Series Panel Mount

1	2	3		4
IPM-M5	**A3**	**M**	**-**	**PC**
SERIES	CODING & # CONTACTS	GENDER		TYPE

SERIES
IPM-M5 = M5

CODING & # CONTACTS
A3 = 3 Contacts, A Coding
A4 = 4 Contacts, A Coding

GENDER
F = Female
M = Male

TYPE
FL = Flying Leads (500mm)
PC = Straight PC Tails
SC = Solder Cup

M5 Series Cable Assemblies

1	2		3		4	5
IPM-M5	**A3**	**-**	**FM**	**-**	**0.5**	**U**
SERIES	CODING & # CONTACTS		GENDERS AND ANGLES		ASSEMBLY LENGTH	CABLE SHEATH

SERIES
IPM-M5 = M5

CODING & # CONTACTS
A3 = 3 Contacts, A Coding
A4 = 4 Contacts, A Coding

CONNECTOR GENDERS AND ANGLES
FM = Straight Female to Straight Male
FMRA = Straight Female to Male Right Angle
FRAM = Female Right Angle to Straight Male
FRAMRA = Female Right Angle to Male Right Angle

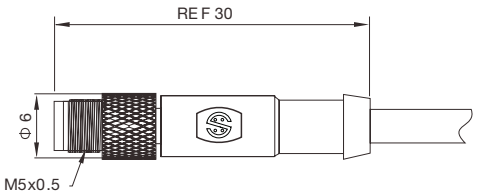
ASSEMBLY LENGTH
0.5 = 0.5 meters
1.5 = 1.5 meters
3.0 = 3 meters

CABLE SHEATH
(blank) = PVC, Unshielded
U = PUR, Unshielded
S = PVC, Shielded
US = PUR, Shielded

M5 Male Molded Cable, Straight

Connector series: M5
Gender: Male
Coding: A
Locking type: Fix screw
Mounting type: Straight
Part No.: IPM-M5**-MWL-XXX

** refers to coding and number of contacts
X refers to cable length and material





General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C ~ 80°C (fixed) -5°C ~ 80°C (flexible)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts		Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable ending & length
			A/C	D/C	AWG	mm²			
03 pins		1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	Customized cable ending and length
04 pins		1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	

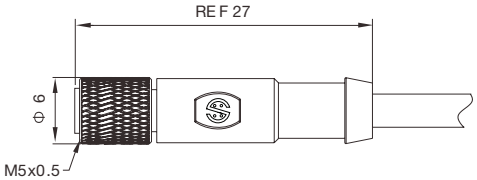
Notes

- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 5 for part number breakdown.

M5 Female Molded Cable, Straight

Connector series: M5
Gender: Female
Coding: A
Locking type: Fix screw
Mounting type: Straight
Part No.: IPM-M5**-FWL-XXX

** refers to coding and number of contacts
X refers to cable length and material





General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C ~ 80°C (fixed) -5°C ~ 80°C (flexible)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts		Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable ending & length
			A/C	D/C	AWG	mm²			
03 pins		1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	Customized cable ending and length
04 pins		1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	

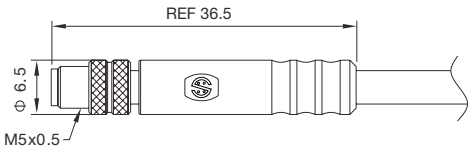
Notes

- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 5 for part number breakdown.

M5 Male Molded Cable, Straight, Shielded

Connector series: M5
Gender: Male
Coding: A
Locking type: Fix screw
Mounting type: Straight
Part No.: IPM-M5**-MWL-XXUS

** refers to coding and number of contacts
X refers to cable length





General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C ~ 80°C (fixed) -5°C ~ 80°C (flexible)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Available
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts		Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable ending & length
			A/C	D/C	AWG	mm²			
03 pins		1A	60V	60V	26AWG	0.14	PUR	PVC	Customized cable ending and length
04 pins		1A	60V	60V	26AWG	0.14	PUR	PVC	

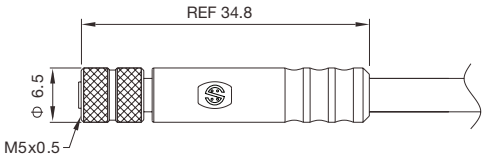
Notes

- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 5 for part number breakdown.

M5 Female Molded Cable, Straight, Shielded

Connector series: M5
Gender: Female
Coding: A
Locking type: Fix screw
Mounting type: Straight
Part No.: IPM-M5**-FWL-XXUS

** refers to coding and number of contacts
X refers to cable length





General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C ~ 80°C (fixed) -5°C ~ 80°C (flexible)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Available
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts		Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable ending & length
			A/C	D/C	AWG	mm²			
03 pins		1A	60V	60V	26AWG	0.14	PUR	PVC	Customized cable ending and length
04 pins		1A	60V	60V	26AWG	0.14	PUR	PVC	

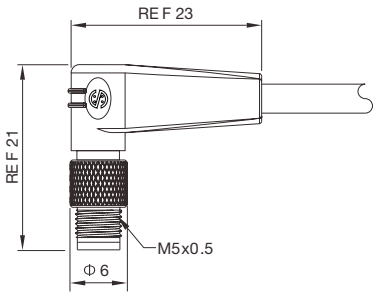
Notes

- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 5 for part number breakdown.

M5 Male Molded Cable, Angled

Connector series: M5
Gender: Male
Coding: A
Locking type: Fix screw
Mounting type: Right angled
Part No.: IPM-M5**-MRA-WL-XXX

** refers to coding and number of contacts
X refers to cable length and material





General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C ~ 80°C (fixed) -5°C ~ 80°C (flexible)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts		Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable ending & length
			A/C	D/C	AWG	mm²			
03 pins		1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	Customized cable ending and length
04 pins		1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	

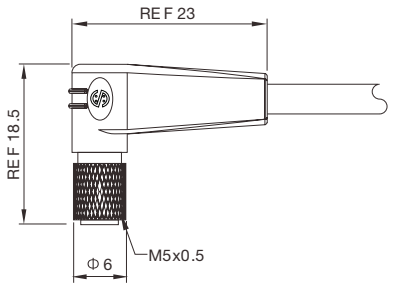
Notes

- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 5 for part number breakdown.

M5 Female Molded Cable, Angled

Connector series: M5
Gender: Female
Coding: A
Locking type: Fix screw
Mounting type: Right angled
Part No.: IPM-M5**-FRA-WL-XXX

** refers to coding and number of contacts
X refers to cable length and material





General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C ~ 80°C (fixed) -5°C ~ 80°C (flexible)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts		Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable ending & length
			A/C	D/C	AWG	mm²			
03 pins		1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	Customized cable ending and length
04 pins		1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	

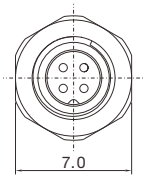
Notes

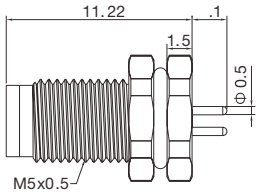
- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 5 for part number breakdown.

M5 Male Panel Mount, PCB Type, Front Fastened

Connector series: M5
Gender: Male
Coding: A
Locking type: Fix screw
Mounting type: Front fastening
Part No.: IPM-M5**M-PC

** refers to coding and number of contacts







General Information

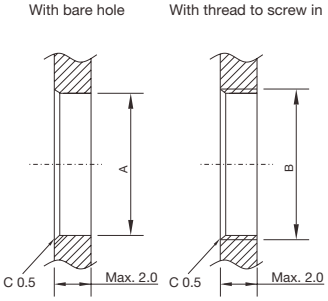
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal/O-ring:	Epoxy resin/FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

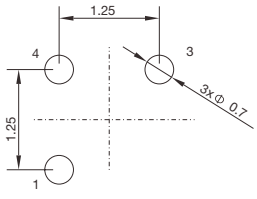
Contacts		Contacts termination	Rated Current	Voltage	
				A/C	D/C
03 pins		PCB version	1A	60V	60V
04 pins		PCB version	1A	60V	60V

Panel Cut-out Dimensions

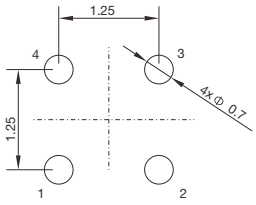


	A	B
M5	$5.0^{+0.1}_{-0}$	M5x0.5

PCB Layout



3P (Pin OD: Φ 0.5)



4P (Pin OD: Φ 0.5)

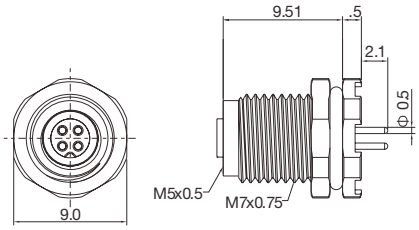
Notes

- Please refer to Page 6 for part number breakdown.

M5 Female Panel Mount, PCB Type, Front Fastened

Connector series: M5
Gender: Female
Coding: A
Locking type: Fix screw
Mounting type: Front fastening
Part No.: IPM-M5**F-PC

** refers to coding and number of contacts





General Information

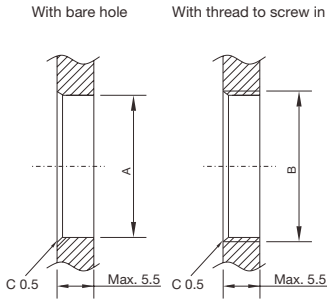
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	PA + GF
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal/O-ring:	Epoxy resin/FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

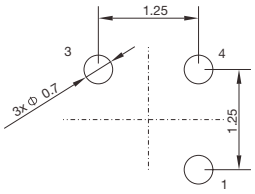
Contacts		Contacts termination	Rated Current	Voltage	
				A/C	D/C
03 pins		PCB version	1A	60V	60V
04 pins		PCB version	1A	60V	60V

Panel Cut-out Dimensions

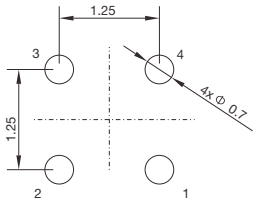


	A	B
M7	$7.0^{+0.1}_{-0}$	M7x0.75

PCB Layout



3P (Pin OD: Φ 0.5)



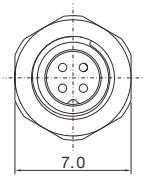
4P (Pin OD: Φ 0.5)

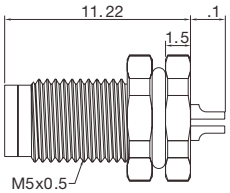
Notes

- Please refer to Page 6 for part number breakdown.

M5 Male Panel Mount, Solder, Front Fastened

Connector series: M5
Gender: Male
Coding: A
Locking type: Fix screw
Mounting type: Front fastened
Part No.: IPM-M5**M-SC







** refers to coding and number of contacts

General Information

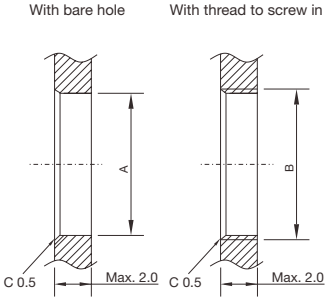
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal/O-ring:	Epoxy resin/FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts		Contacts termination	Rated Current	Voltage		Wire gauge/size	
				A/C	D/C	AWG	mm²
03 pins		Solder version	1A	60V	60V	26AWG	0.14
04 pins		Solder version	1A	60V	60V	26AWG	0.14

Panel Cut-out Dimensions



	A	B
M5	$5.0^{+0.1}_{-0}$	M5x0.5

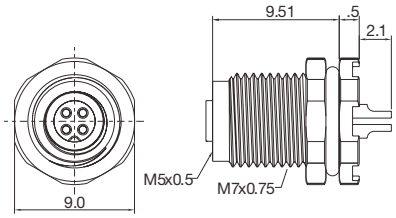
Notes

- Please refer to Page 6 for part number breakdown.

M5 Female Panel Mount, Solder, Front Fastened

Connector series: M5
Gender: Female
Coding: A
Locking type: Fix screw
Mounting type: Front fastened
Part No.: IPM-M5**F-SC

** refers to coding and number of contacts





General Information

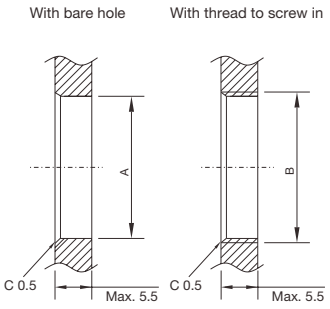
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	PA + GF
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal/O-ring:	Epoxy resin/FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts		Contacts termination	Rated Current	Voltage		Wire gauge/size	
				A/C	D/C	AWG	mm²
03 pins		Solder version	1A	60V	60V	26AWG	0.14
04 pins		Solder version	1A	60V	60V	26AWG	0.14

Panel Cut-out Dimensions



	A	B
M7	$7.0^{+0.1}_{-0}$	M7x0.75

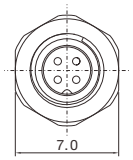
Notes

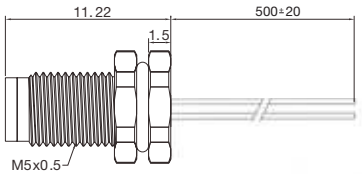
- Please refer to Page 6 for part number breakdown.

M5 Male Panel Mount, Flying Leads, Front Fastened

Connector series: M5
Gender: Male
Coding: A, B
Locking type: Fix screw
Mounting type: Front fastening
Part No.: IPM-M5**M-FL

** refers to coding and number of contacts







General Information

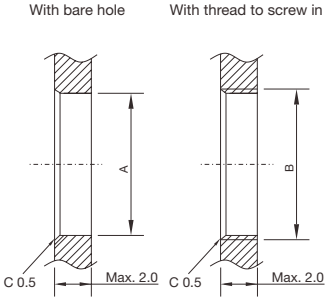
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal/O-ring:	Epoxy resin/FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Wire length:	500 mm

Electrical Data & Mechanical Data

Contacts		Rated Current	Voltage		Wire gauge / size		Wire insulation
			A/C	D/C	AWG	mm²	
03 pins		1A	60V	60V	26AWG	0.14	PVC
04 pins		1A	60V	60V	26AWG	0.14	PVC

Panel Cut-out Dimensions



	A	B
M5	$5.0^{+0.1}_{-0}$	M5x0.5

Notes

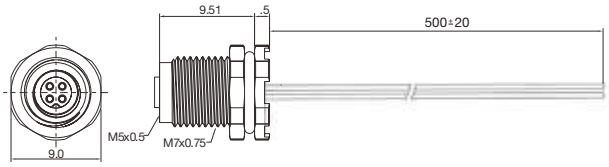
- Please refer to Page 6 for part number breakdown.

SURE-SEAL

PEI-Genesis™
www.peigenesis.com

M5 Female Panel Mount, Flying Leads, Front Fastened

Connector series: M5
Gender: Female
Coding: A
Locking type: Fix screw
Mounting type: Front fastening
Part No.: IPM-M5**F-FL





** refers to coding and number of contacts

General Information

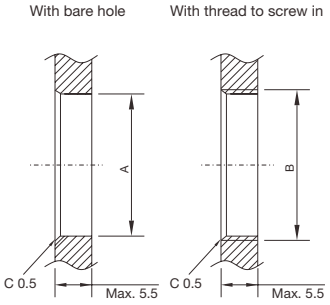
Standard:	IEC 61076-2-105
Ambient temperature:	-25°C ~ +90°C
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector nut/screw:	Brass with nickel plated
Seal/O-ring:	Epoxy resin/FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition
Wire length:	500 mm

Electrical Data & Mechanical Data

Contacts		Rated Current	Voltage		Wire gauge / size		Wire insulation
			A/C	D/C	AWG	mm²	
03 pins		1A	60V	60V	26AWG	0.14	PVC
04 pins		1A	60V	60V	26AWG	0.14	PVC

Panel Cut-out Dimensions



	A	B
M7	$7.0^{+0.1}_{-0}$	M7x0.75

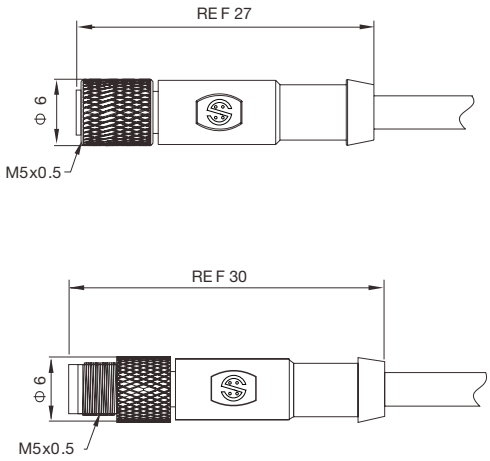
Notes

- Please refer to Page 6 for part number breakdown.

M5 Straight Female to M5 Straight Male Cable Assembly

Connector series: M5
Gender: Female to Male
Coding: A
Locking type: Fix screw
Mounting type: Straight
Part No.: IPM-M5**-FM-XXX

** refers to coding and number of contacts
X refers to cable length and material





General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C~80°C (fixed) -5°C~80°C (flexible)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts			Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable length
	Male	Female		A/C	D/C	AWG	mm²			
03 pins			1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	Customized length
04 pins			1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	

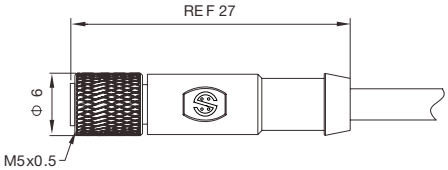
Notes

- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 6 for part number breakdown.

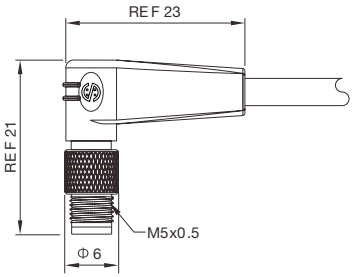
M5 Straight Female to M5 Right Angle Male Cable Assembly

Connector series: M5
Gender: Female to Male
Coding: A
Locking type: Fix screw
Mounting type: Straight to Right Angle
Part No.: IPM-M5**-FMRA-XXX

** refers to coding and number of contacts
X refers to cable length and material









General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C~80°C (fixed) -5°C~80°C (flexible)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts			Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable length
	Male	Female		A/C	D/C	AWG	mm²			
03 pins			1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	Customized length
04 pins			1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	

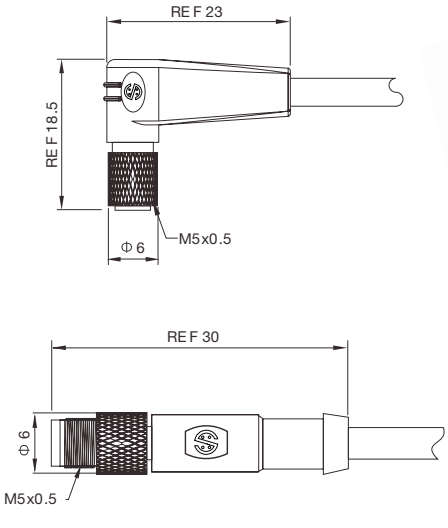
Notes

- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 6 for part number breakdown.

M5 Right Angle Female to M5 Straight Male Cable Assembly

Connector series: M5
Gender: Female to Male
Coding: A
Locking type: Fix screw
Mounting type: Right Angle to Straight
Part No.: IPM-M5**-FRAM-XXX

** refers to coding and number of contacts
X refers to cable length and material





General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C~80°C (fixed) -5°C~80°C (flexible)
Connector insert:	TPU; PA
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts			Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable length
	Male	Female		A/C	D/C	AWG	mm²			
03 pins			1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	Customized length
04 pins			1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	

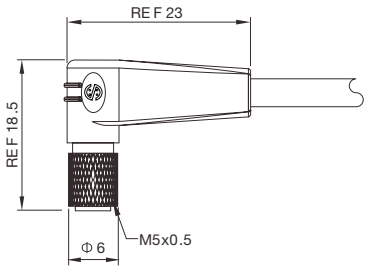
Notes

- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 6 for part number breakdown.

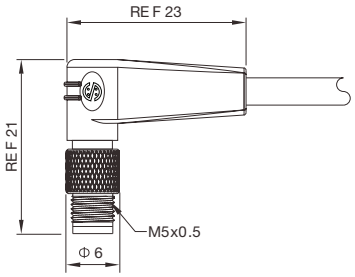
M5 Right Angle Female to M5 Right Angle Male Cable Assembly

Connector series: M5
Gender: Female to Male
Coding: A
Locking type: Fix screw
Mounting type: Right angled
Part No.: IPM-M5**-FRAMRA-XXX

** refers to coding and number of contacts
X refers to cable length and material









General Information

Standard:	IEC 61076-2-105
Ambient temperature:	-10°C~80°C (fixed) -5°C~80°C (flexible)
Connector insert:	TPU
Connector contacts:	Brass with gold plated
Connector overmold:	TPU
Connector nut/screw:	Brass with nickel plated
Seal / O-ring:	FKM

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Shielding:	Unavailable
IP rating:	IP67 in locked condition

Electrical Data & Mechanical Data

Contacts			Rated Current	Voltage		Wire gauge / size		Cable jacket	Wire insulation	Cable length
	Male	Female		A/C	D/C	AWG	mm²			
03 pins			1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	Customized length
04 pins			1A	60V	60V	26AWG	0.14	PUR / PVC	PVC	

Notes

- Please refer to Page 4 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm²
- Please refer to Page 6 for part number breakdown.

Part Numbers

All M5 Series P/Ns	Catalog Page
IPM-M5A3-MWL-0.5	7
IPM-M5A3-MWL-0.5U	7
IPM-M5A4-MWL-0.5	7
IPM-M5A4-MWL-0.5U	7
IPM-M5A3-MWL-1.5	7
IPM-M5A3-MWL-1.5U	7
IPM-M5A4-MWL-1.5	7
IPM-M5A4-MWL-1.5U	7
IPM-M5A3-MWL-3.0	7
IPM-M5A3-MWL-3.0U	7
IPM-M5A4-MWL-3.0	7
IPM-M5A4-MWL-3.0U	7
IPM-M5A3-FWL-0.5	8
IPM-M5A3-FWL-0.5U	8
IPM-M5A4-FWL-0.5	8
IPM-M5A4-FWL-0.5U	8
IPM-M5A3-FWL-1.5	8
IPM-M5A3-FWL-1.5U	8
IPM-M5A4-FWL-1.5	8
IPM-M5A4-FWL-1.5U	8
IPM-M5A3-FWL-3.0	8
IPM-M5A3-FWL-3.0U	8
IPM-M5A4-FWL-3.0	8
IPM-M5A4-FWL-3.0U	8
IPM-M5A3-MWL-0.5S	9
IPM-M5A3-MWL-0.5US	9
IPM-M5A4-MWL-0.5S	9
IPM-M5A4-MWL-0.5US	9
IPM-M5A3-MWL-1.5S	9
IPM-M5A3-MWL-1.5US	9

All M5 Series P/Ns	Catalog Page
IPM-M5A4-MWL-1.5S	9
IPM-M5A4-MWL-1.5US	9
IPM-M5A3-MWL-3.0S	9
IPM-M5A3-MWL-3.0US	9
IPM-M5A4-MWL-3.0S	9
IPM-M5A4-MWL-3.0US	9
IPM-M5A3-FWL-0.5S	10
IPM-M5A3-FWL-0.5US	10
IPM-M5A4-FWL-0.5S	10
IPM-M5A4-FWL-0.5US	10
IPM-M5A3-FWL-1.5S	10
IPM-M5A3-FWL-1.5US	10
IPM-M5A4-FWL-1.5S	10
IPM-M5A4-FWL-1.5US	10
IPM-M5A3-FWL-3.0S	10
IPM-M5A3-FWL-3.0US	10
IPM-M5A4-FWL-3.0S	10
IPM-M5A4-FWL-3.0US	10
IPM-M5A3-MRA-WL-0.5	11
IPM-M5A3-MRA-WL-0.5U	11
IPM-M5A4-MRA-WL-0.5	11
IPM-M5A4-MRA-WL-0.5U	11
IPM-M5A3-MRA-WL-1.5	11
IPM-M5A3-MRA-WL-1.5U	11
IPM-M5A4-MRA-WL-1.5	11
IPM-M5A4-MRA-WL-1.5U	11
IPM-M5A3-MRA-WL-3.0	11
IPM-M5A3-MRA-WL-3.0U	11
IPM-M5A4-MRA-WL-3.0	11
IPM-M5A4-MRA-WL-3.0U	11

All M5 Series P/Ns	Catalog Page
IPM-M5A3-FRA-WL-0.5	12
IPM-M5A3-FRA-WL-0.5U	12
IPM-M5A4-FRA-WL-0.5	12
IPM-M5A4-FRA-WL-0.5U	12
IPM-M5A3-FRA-WL-1.5	12
IPM-M5A3-FRA-WL-1.5U	12
IPM-M5A4-FRA-WL-1.5	12
IPM-M5A4-FRA-WL-1.5U	12
IPM-M5A3-FRA-WL-3.0	12
IPM-M5A3-FRA-WL-3.0U	12
IPM-M5A4-FRA-WL-3.0	12
IPM-M5A4-FRA-WL-3.0U	12
IPM-M5A3M-PC	13
IPM-M5A4M-PC	13
IPM-M5A3F-PC	14
IPM-M5A4F-PC	14
IPM-M5A3M-SC	15
IPM-M5A4M-SC	15
IPM-M5A3F-SC	16
IPM-M5A4F-SC	16
IPM-M5A3M-FL	17
IPM-M5A4M-FL	17
IPM-M5A3F-FL	18
IPM-M5A4F-FL	18
IPM-M5A3-FM-0.5	19
IPM-M5A3-FM-0.5U	19
IPM-M5A4-FM-0.5	19
IPM-M5A4-FM-0.5U	19
IPM-M5A3-FM-1.5	19
IPM-M5A3-FM-1.5U	19

All M5 Series P/Ns	Catalog Page
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IPM-M5A4-FM-1.5U	19
IPM-M5A3-FM-3.0	19
IPM-M5A3-FM-3.0U	19
IPM-M5A4-FM-3.0	19
IPM-M5A4-FM-3.0U	19
IPM-M5A3-FMRA-0.5	20
IPM-M5A3-FMRA-0.5U	20
IPM-M5A4-FMRA-0.5	20
IPM-M5A4-FMRA-0.5U	20
IPM-M5A3-FMRA-1.5	20
IPM-M5A3-FMRA-1.5U	20
IPM-M5A4-FMRA-1.5	20
IPM-M5A4-FMRA-1.5U	20
IPM-M5A3-FMRA-3.0	20
IPM-M5A3-FMRA-3.0U	20
IPM-M5A4-FMRA-3.0	20
IPM-M5A4-FMRA-3.0U	20
IPM-M5A3-FRAM-0.5	21
IPM-M5A3-FRAM-0.5U	21
IPM-M5A4-FRAM-0.5	21
IPM-M5A4-FRAM-0.5U	21
IPM-M5A3-FRAM-1.5	21
IPM-M5A3-FRAM-1.5U	21
IPM-M5A4-FRAM-1.5	21
IPM-M5A4-FRAM-1.5U	21
IPM-M5A3-FRAM-3.0	21
IPM-M5A3-FRAM-3.0U	21
IPM-M5A4-FRAM-3.0	21
IPM-M5A4-FRAM-3.0U	21

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IPM-M5A3-FRAMRA-0.5U	22
IPM-M5A4-FRAMRA-0.5	22
IPM-M5A4-FRAMRA-0.5U	22
IPM-M5A3-FRAMRA-1.5	22
IPM-M5A3-FRAMRA-1.5U	22
IPM-M5A4-FRAMRA-1.5	22
IPM-M5A4-FRAMRA-1.5U	22
IPM-M5A3-FRAMRA-3.0	22
IPM-M5A3-FRAMRA-3.0U	22
IPM-M5A4-FRAMRA-3.0	22
IPM-M5A4-FRAMRA-3.0U	22



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