



2018 NEW PRODUCT CATALOGUE

Electrical Installation Parts
and Cable Protection Systems



The Key to Success.

U.B.G. (2008) COMPANY LIMITED

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U.B.G.(2008)

Electrical Installation Parts and Cable Protection Systems

ศูนย์รวมสินค้าระบบงานไฟฟ้าและเครื่องจักรอุตสาหกรรม



**“ 10 ปี แห่งความภูมิใจที่มอบทางเลือกใหม่ๆ ที่ได้มาตรฐานที่สุด...ให้กับลูกค้า
มายาวนานเพื่อให้บริการที่มีประสิทธิภาพในทุกๆด้าน ให้ลูกค้าพึงพอใจสูงสุด
ในผลิตภัณฑ์และบริการของเรา ”**

บริษัท ยู.บี.จี. (2008) จำกัด

ผู้จัดการจำหน่ายอุปกรณ์งานติดตั้งไฟฟ้าอุตสาหกรรม อุปกรณ์อิเล็กทรอนิกส์คุณภาพสูง หลากหลายแบรนด์ ซึ่งเราได้เป็นตัวแทน จัดจำหน่ายอย่างเป็นทางการ ด้วยแนวคิดในการจัดหาสินค้าที่มุ่งเน้นความครบวงจร แบบ One stop services ในกลุ่มสินค้า สำหรับธุรกิจภาคอุตสาหกรรมทุกประเภทและครอบคลุมธุรกิจอื่นๆ อย่างกว้างขวาง รวมไปถึงการพัฒนาศักยภาพ ในการให้บริการ อย่างมืออาชีพที่ต่อเนื่องทำให้วันนี้ เราเติบโตกลายเป็นผู้นำการจัดจำหน่ายสินค้าด้านอุปกรณ์งานติดตั้งไฟฟ้าอุตสาหกรรมคุณภาพสูง บนพื้นฐานประสบการณ์ความเชี่ยวชาญการดำเนินธุรกิจภายใต้ Universales Business Group มามากกว่า 10 ปี และด้วยความชำนาญด้านการจัดหาสินค้าที่แม่นยำทำให้เราสามารถ ตอบรับทุกความต้องการของลูกค้าได้อย่างทั่วถึง

ผู้นำเข้าและจัดจำหน่ายสินค้าคุณภาพสูงระดับโลกเราเชี่ยวชาญ ชำนาญ ทุกสินค้าที่เราจัดจำหน่าย

10 years of pride we choose all the best for you and will do forever.

U.B.G. (2008) CO.,LTD. are the leading company in our business segment in Thailand. We are the best official distributors of many industrial products providing added value beyond the expectation of our customer.

We provide a one-stop-service to the customer, cover the sector of electrical installation parts and application products in industrial automation. In the electrical connection sectors with applications in industrial automation, characterized by high performance and utmost reliability needs, U.B.G. (2008) are today the acknowledged partner of many leading companies worldwide.

TRUST พันธกิจและวัฒนธรรมของเรา

Take care customer's benefit

เราสนใจต่อผลประโยชน์ของลูกค้า

Response without arguing

เราจะตอบสนองโดยไม่มีข้อโต้แย้ง

Unlock problem to make each customer happy

เราแก้ปัญหาเพื่อทำให้ลูกค้าทุกท่านพึงพอใจ

Simplify processes

เราชอบทำขั้นตอนให้เรียบง่ายไม่ยุ่งยาก

Time saving for customer

เราจะประหยัดเวลาของลูกค้าให้ได้มากที่สุด



“ The key to success ”



CIRCULAR MILITARY CONNECTOR

MIL-DTL-5015 SERIES CONNECTOR

KD Connectors are designed, manufactured and tested to MIL-DTL-5015, the military detailed specification. The connectors used in wide ranges of both military and general industrial applications.



MIL-DTL - 26482 SERIES I



MIL-DTL - 55181 SERIES



MIL-DTL - 22992 SERIES

Applications

- Military and Industrial environments requiring a miniature, high density
- Commercial and military aircraft
 - Instrumentation
 - Robotics
 - Railroad Equipment
 - Industrial Machinery
 - Automations Systems



MIL-DTL - 26482 SERIES II



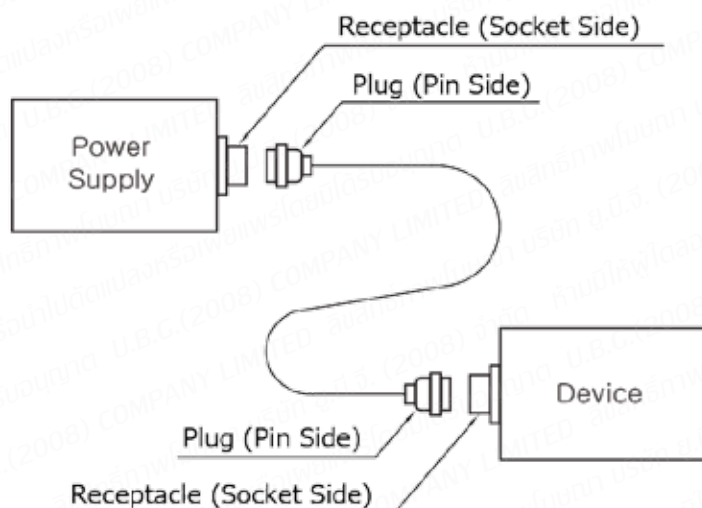
KDB SERIES

WIRE HARNESS

- Cable Assembly for cooling Fan Controller for Armored Vehicle
- Military Generator
- Military Protection Equipment
- Military Sound-detecting Equipment
- Military Generator



Matching Guide



****สนใจสินค้า กรุณาสอบถามข้อมูลเพิ่มเติมได้ที่ฝ่ายขาย หรือ Hotline : 095-262-9455**

Materials

Shell

Materials Aluminium alloy Die Castings & aluminium alloy

Finish Olive drab chromate coating over zinc plating

Alternative finish

Black coating over zinc plating(RoHS)
Electroless nickel

Insulator and grommet

Insulator

Synthetic rubber & polychloroprene
Synthetic plastic
coating over zinc plating

Grommet

Synthetic rubber & polychloroprene

Contact

Material Copper alloy

Finish Silver plating

Pin or Socket Inserts

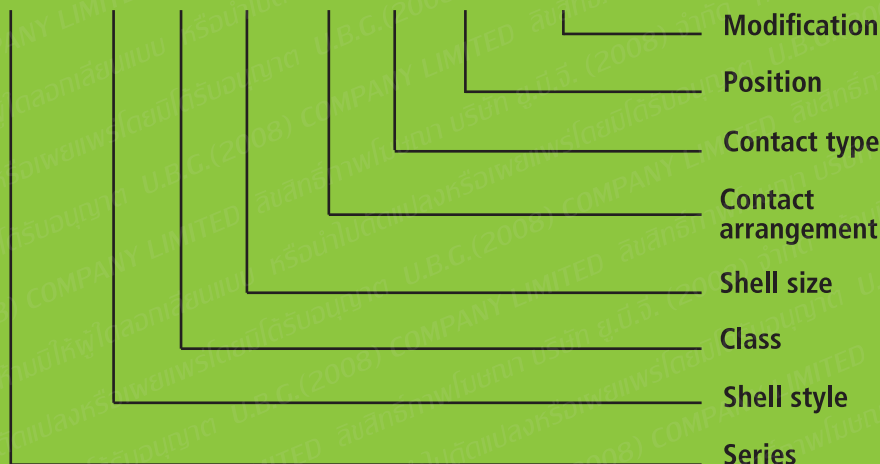
Connector combinations are formed with plugs and receptacles that are connected with pin and socket contacts.

Either the receptacle or the plug can be provided with pin inserts or socket inserts. However, if one side is a pin insert, the mating side should be a socket insert.

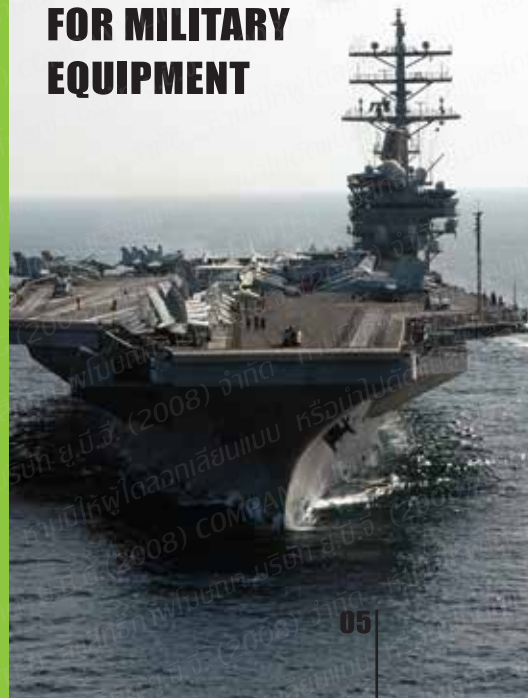
The type to use will be determined by the state of the equipment but it is generally recommended to use the socket on the output side of the equipment and pin on the input side.

ORDERING INFORMATION

KD 3102A 18 - 10 P W - ** ()**



High Quality FOR MILITARY EQUIPMENT



IP68/IP69K PLUG & SOCKET MICRO-CONNECTOR



WHEN DIMENSIONS MAKE THE DIFFERENCE



Compact screw wire connectors meet the most demanding needs of connection in small places.

micronnect®

COMPARISON WITH OTHER PRODUCTS



TH381
Ø 14 mm.



TH387
Ø 23 mm.



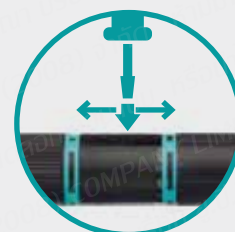
TH405
Ø 36.5 mm.



QUICK PUSH-PULL CONNECTION AND DISCONNECTION



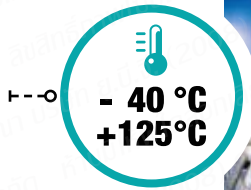
It's just a matter of time Reduction in the cost of the product installed



Features and functionality guaranteed over time

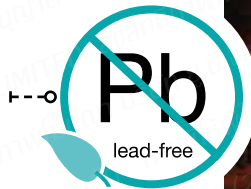
micronnect

PA66 GF materials make the product crushproof also under extreme conditions.



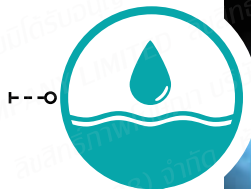
Resistance to external agents (EN 60529)
In addition: ageing test in air with ozone concentrations (ISO1431-1).

Halogen free.
Realized with the use of materials which are in compliance with the most stringent regulations Reach/RoHS.



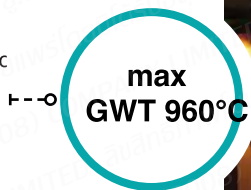
Produced with silicone free materials.

Resistant to corrosion in saline environment.
Corrosion test (EN60068-2-11:2000).
Duration 168 hours.



UV resistance testing according to EN60079-0.
Method of exposure to laboratory light sources to verify weathering effects.
Duration 1000 h.
Insulation test at 3,75 KV.

Resistance to flame.
Use of PA66 GF thermoplastic materials, fiber-glass reinforced UL94 V0/V2 (f1- UL746C)
Glow-wire 850°C/960°C.



Impact resistance (EN 62262:2002).
IK06 (1 Joules) and IP68 Tests show positive results even after conditioning in hydrochloric acid (HCl) for 168 hours at 70°C.
(pH 4,5 and pH 3,5).

techno enhanced engineering



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Electrical connectors High-performance electrical connections



Mini Circular PLT CONNECTOR

100% Made in Taiwan

IP67

C[®] UL US TÜV



Apex connector



PLT SERIES CONNECTORS



PLT - 16 Series



PLT - 17 Series



PLT - 18 Series



PLT - 19 Series



PLT - 25 Series



PLT - 30 Series



PLT - 31 Series



PLT - 32 Series



PLT - 40 Series



PLT - 50 Series

** ยังมีรุ่นสินค้าอื่นๆ อีกมากมาย
กรุณาสอบถามข้อมูลเพิ่มเติมจากฝ่ายขาย
หรือ Hotline : 095-262-9455

PLS SERIES CONNECTORS



PLS - 20 Series



PLS - 24 Series



PLS - 27 Series



PLS - 28 Series



Stainless Steel

PLS - 28 Series



PLS - 35 Series

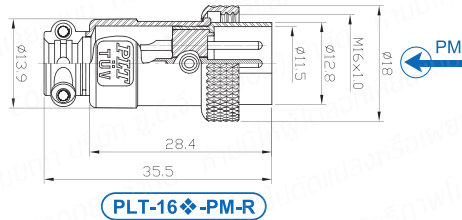


PLS - 41 Series

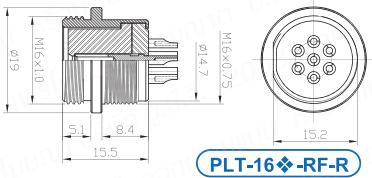
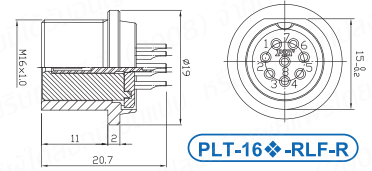


PLS - 42 Series

PLT-16 Series

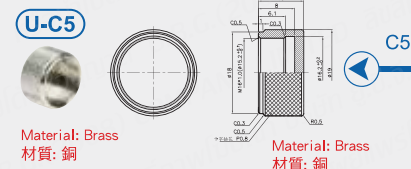
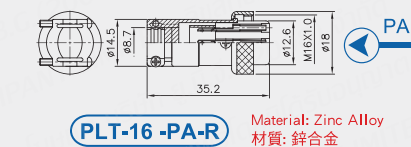
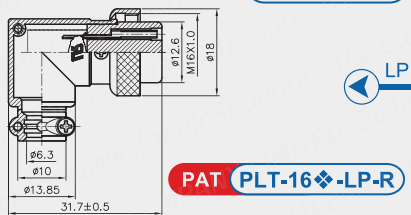
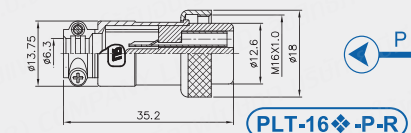


Output Type

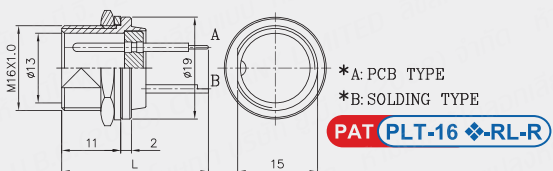
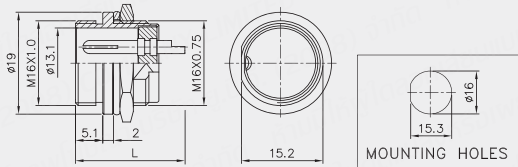


No. of contacts	2	3	4	5	6	7	8
Contacts Configuration							
Rated current / voltage	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V
Operation limit voltage (AC,V,rms)	200	200	200	200	200	200	200
Withstanding voltage (AC,V,rms) 1 minute	1000	1000	1000	1000	1000	1000	1000
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000	1000	1000	1000
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3	3	3
Solder inter diameter	1.4	1.4	1.4	1.2	0.8	0.8	0.8

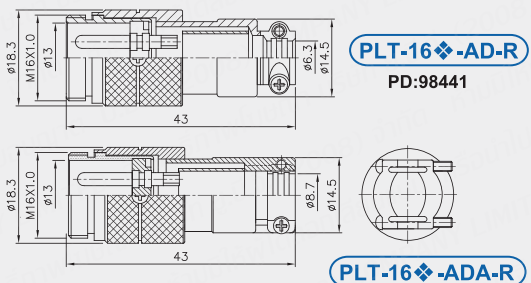
Input Type



PIN	2	3	4	5	6	7	8
L	20.5	20.5	20.5	20.5	19	19	19



FORM 1 FOR PLT-16*-RL							*FORM 2 (ACCESSORIES)			
LENGTH	11	12	13	14	15	16	A1	A2	A3	A4
SIZE	20.5	23.5	29	30.5	21.5	21.5				



No. of contacts	2	3	4	5	6	7	8
Contacts Configuration							
Rated current / voltage	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V
Operation limit voltage (AC,V,rms)	200	200	200	200	200	200	200
Withstanding voltage (AC,V,rms) 1 minute	1000	1000	1000	1000	1000	1000	1000
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000	1000	1000	1000
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3	3	3
Solder inter diameter	1.4	1.4	1.4	1.2	0.8	0.8	0.8

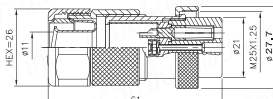
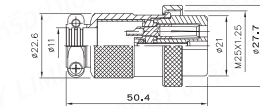
PLT-25 Series



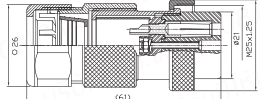
Material: Plastic
材質: 塑膠



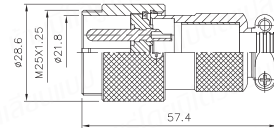
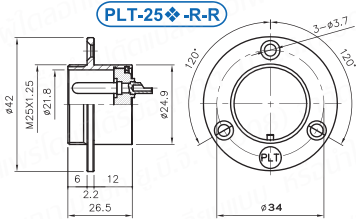
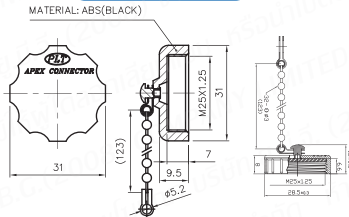
Material: Zinc Alloy
材質: 鋅合金



3=轉接3/8"軟管

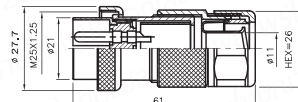
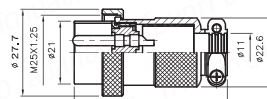
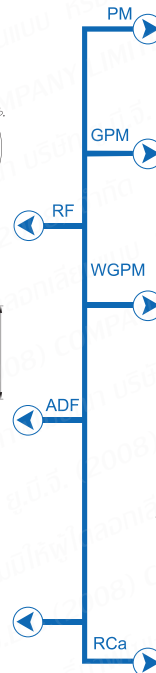
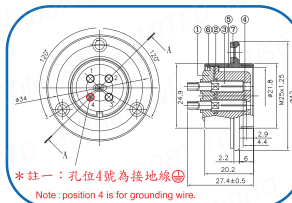
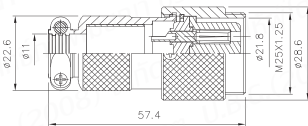
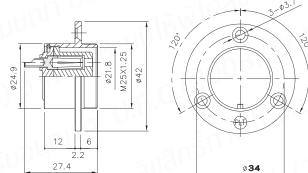


3=轉接3/8"尼龍管

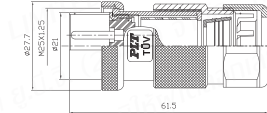


No. of contacts	2	3	4	5	6
Contacts Configuration					
Rated current / voltage	10A 250V	10A 250V	10A 250V	10A 250V	10A 250V
Operation limit voltage (AC.Vrms)	400	400	400	400	300
Withstanding voltage (AC.Vrms) 1 minute	2000	2000	2000	1800	1800
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000	2000	2000	2000
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3
Solder inter diameter	1.9	1.9	1.9	1.9	1.9

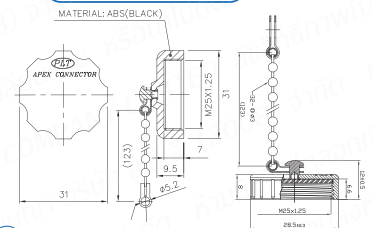
Output Type



3=轉接3/8"軟管



3=轉接3/8"尼龍管



Material: Plastic
材質: 塑膠



Material: Zinc Alloy
材質: 鋅合金



No. of contacts	2	3	4	5	6
Contacts Configuration					
Rated current / voltage	10A 250V	10A 250V	10A 250V	10A 250V	10A 250V
Operation limit voltage (AC.Vrms)	400	400	400	400	300
Withstanding voltage (AC.Vrms) 1 minute	2000	2000	2000	1800	1800
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000	2000	2000	2000
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3
Solder inter diameter	1.9	1.9	1.9	1.9	1.9

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ORDERING INFORMATION

PLT-162-P-R

RoHS COMPLIANT

CONNECTOR TYPE

NO. OF CONTACTS(2-37)

SHELL SIZE(8,9,11,15,16,17,18,19,25,30,32,40,50)

NAME OF SERIES

P - Plug

R - Receptacle

F - Female

M - Male

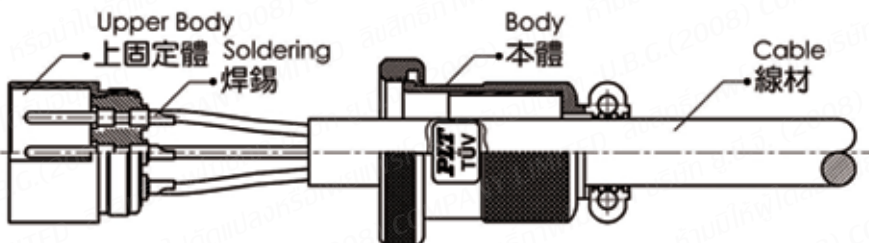
AD - Adapter

Ca - Cap

RT - Rubber tube

G - Conduit type

Assembly Instructions



Materials

Shell

- Materials**
- Stainless Steel
 - Zinc Die-Castin
 - Aluminium alloy
- Finish**
- Chrome-plated
 - Gold-plated
 - Nickel-plated
 - Silver-plated

Insulator and grommet

- Materials**
- Bakelite
 - Delrin
 - Teflon Polyethylene

Contact

- Materials**
- Brass
 - P.Brass
 - B.Brass
- Finish**
- Chrome-plated
 - Gold-plated
 - Nickel-plated
 - Silver-plated

APPLICATION

- electrical machinery,
- powersupply
- eletronics,
- machinery,
- medical devices
- MRT(Mass Rapid Transit),
- automobile,
- electric bike,
- communication equipment and military use etc.



Finish Fitting PROXIMITY SENSOR

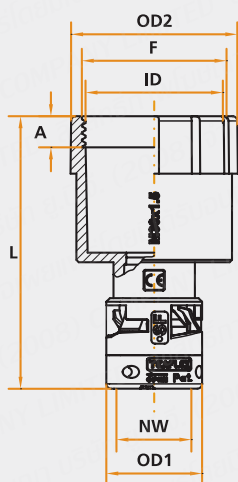
TEAFLEX

SF



File E - 124066

Raccordo filetto femmina Metrico Fine, Trasparente per Sensori
Transparent straight female fitting Fine Metric for electronic Sensors



Application



Raccordi femmina trasparenti tipo SF con filetto metrico fine per sensori.
La particolarità di questo raccordo è data dalla totale trasparenza del corpo che rende visibile in qualsiasi momento l'operatività del Led del sensore senza dover smontare il raccordo.
Utilizzati principalmente nella costruzione di macchinari.

Temperatura d'esercizio: -40°C +105°C
Per breve periodo: +150°C

Female adapter, type SF with fine metric thread for electronic sensors.
Due to the transparency of the fitting body the operating Led is visible at any time without fitting dismantling.
Mainly use in conjunction with machines building.

Temperature Range: -40°C +105°C
Short term: +150°C

Raccordo filetto femmina Metrico Fine, Trasparente per Sensori

Codice IP66	F Filetto Metrico Fine	Codice Guaina NW	Diametro metrico guaina	ID Ø int. Filetto mm	A mm	L mm	OD1 mm	OD2 mm	Confezione standard
6CSF07F08	M08x1	7	10	7	8	34	17	14	100
6CSF07F12	M12x1	7	10	11	6,5	52	17	17	100
6CSF07F18	M18x1	7	10	17	6,5	59	17	23	100
6CSF07F30	M30X1,5	7	10	28,5	6,5	55,5	17	35	100
6CSF10F12	M12x1	10	12	11	6,5	53,4	20	17	50
6CSF10F18	M18x1	10	12	17	6,5	60,4	20	23	50
6CSF10F30	M30X1,5	10	12	28,5	6,5	56,9	20	35	50

Type IP66	F Fine Metric Thread	Conduit Code NW	Fits to metric Conduit	ID inside Ø Thread mm	A mm	L mm	OD1 mm	OD2 mm	Packing unit
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Esempio d'ordine / Order example: **6CSF10F18**

6 Grado di protezione: IP66 statico / IP54 dinamico
IP Rating: IP66 static / IP54 dynamic

C Colore - Colour

SF Codice serie - Family type

10 Diametro nominale guaina - Nominal width

F Tipo di filettatura: Metrico Fine - Thread type: Fine Metric

18 Dimensione filetto - Thread dimension

Industrial Cable PROTECTION



Female FITTING ADAPTER

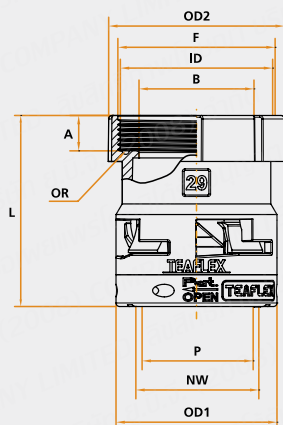
SFMIL



File E - 124066

TEAFLEX

Raccordo filetto femmina UNEF per connettori MIL-DTL-5015
Female fitting UNEF thread adapter for MIL-DTL-5015 series



Application



Raccordi femmina tipo SF con filetto UNEF in plastica opportunamente realizzate per permettere la connessione con i connettori della serie MIL-DTL-5015.

Soddisfano i requisiti standard nelle installazioni elettriche industriali e nelle applicazioni tecniche ad elevate prestazioni nell'industria pesante e nel settore ferroviario. Raccordi completi di O-ring di tenuta sul filetto.

Temperatura d'esercizio: -40°C +105°C
Per breve periodo: +150°C

Female adapter, type SF with UNEF plastic thread designed for adaptation to MIL-DTL-5015 electrical connectors.

Suit to standard requirements in industrial and electro technical installation applications as well as for increased requirements in heavy industry and railway applications.

Fittings are supplied with O-ring.

Temperature Range: -40°C +105°C
Short term: +150°C

Raccordo filetto femmina UNEF per connettori MIL-DTL-5015

Codice IP68-IP69K	F Filetto UNEF Ø nom. - fil. x pollice	Connet- tore MIL- DTL-5015	Codice Guaina NW	Diametro metrico guaina	ID Ø int. Filetto mm	Ø est. Fil. Maschio del connettore mm	A mm	B mm	L mm	OD1 mm	OD2 mm	P Passaggio Guaina mm	Confezione standard	
8BSFMIL12U07	5/8"	24 UNEF	10	12	16	14,8	15,87	8	9,6	40,65	24	21	12,2	50
8BSFMIL12U11	7/8"	20 UNEF	16	12	16	20,9	22,22	9	14,7	41,65	24	27	12,2	50
8BSFMIL17U09	3/4"	20 UNEF	14	17	20	17,8	19,05	9	12,5	42,85	30	26	16,2	50
8BSFMIL17U11	7/8"	20 UNEF	16	17	20	20,9	22,22	9	15,5	42,85	30	27	16,2	50
8BSFMIL17U13	1"	20 UNEF	18	17	20	24,1	25,40	9	17,5	42,85	30	30	16,2	50
8BSFMIL17U16	1" 3/16	18 UNEF	20/22	17	20	28,8	30,16	9	20	42,85	30	35	16,2	50
8BSFMIL23U16	1" 3/16	18 UNEF	20/22	23	25	28,8	30,16	9	23	52	38	36	22,6	30
8BSFMIL23U20	1" 7/16	18 UNEF	24/28	23	25	35,1	36,51	10	26	53	38	42	22,6	30
8BSFMIL23U25	1" 3/4	18 UNS	32	23	25	43,1	44,45	10	26	53	38	50	22,6	30
8BSFMIL29U20	1" 7/16	18 UNEF	24/28	29	32	35,1	36,51	10	29,5	54,5	45,5	42	29,0	20
8BSFMIL29U25	1" 3/4	18 UNS	32	29	32	43,1	44,45	10	32,5	54	45,5	50	29,0	20
8BSFMIL36U20	1" 7/16	18 UNEF	24/28	36	40	35,1	36,51	10	29,5	62,5	57	50	36,5	20
8BSFMIL36U25	1" 3/4	18 UNS	32	36	40	43,1	44,45	10	36,5	62,5	57	50	36,5	20
8BSFMIL36U26	2"	18 UNS	36	36	40	49,4	50,80	10,5	41	63	57	56	36,5	20
8BSFMIL48U27	2" 1/4	16 UN	40	48	50	55,6	57,15	10,5	48,5	70	68	63	48,5	10
Type IP68-IP69K	F UNEF Thread Ø NW - pitch x inch	MIL- DTL-5015 Connet- tor	Conduit Code NW	Fits to metric Conduit	ID inside Ø Thread mm	Connector male Out. Ø mm	A mm	B mm	L mm	OD1 mm	OD2 mm	P Conduit Passage mm	Packing unit	

Female fitting UNEF thread adapter for MIL-DTL-5015 series

• NON è garantito il grado di protezione IP69K per i raccordi con diametri nominali 36 e 48

• IP69K rating is not guaranteed for the fittings with nominal width 36 and 48

**สนใจสินค้า กรุณาสอบถามข้อมูลเพิ่มเติมได้ที่ฝ่ายขาย หรือ Hotline : 095-262-9455

Esempio d'ordine / Order example: **8BSFMIL12U11**

8 Grado di protezione: IP69K-IP68 statico / IP67 dinamico
IP Rating: IP69K-IP68 static / IP67 dynamic

B Colore - Colour

SFMIL Codice serie - Family type

12 Diametro nominale guaina - Nominal width

U Tipo di filettatura: UNEF - Thread type: UNEF

11 Dimensione filetto - Thread dimension

Milvent PROTECTIVE VENTS

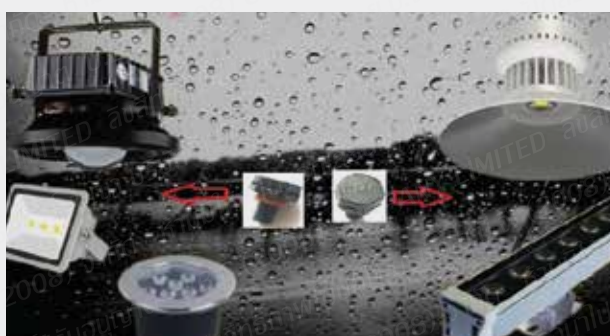
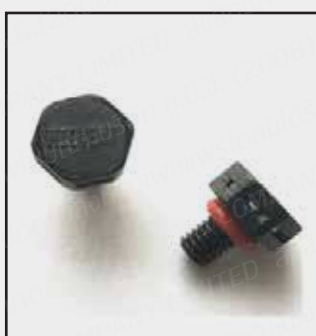
Milvent® Vents manage the internal pressure in mobile and outdoor electronics enclosures, packaging, and automotive components supporting long service life, increasing reliability, and preventing deformations that could cause component failure. With billions of vents performing reliably around the world, you can be confident that we understand the challenges you face and can solve them to preserve the integrity of your product.



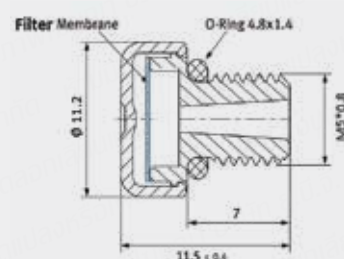
MIV SERIES

MIV- 05 PROTECTIVE VENT

Ventilation parts

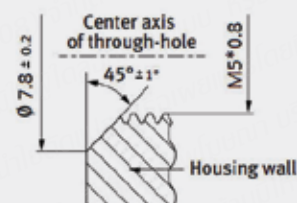


Dimensions



Technical Data

Part no.	MIV-05B	MIV-05HAB
Typical airflow	50 ml / min (dp = 70mbar)	300 ml / min (dp = 70mbar)
Water entry pressure	0.6 bar / 30 sec	0.6 bar / 30 sec
Recommended torque	0.3 Nm	0.3 Nm
Environmental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+105°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity - 1,000 hours UL94V-0 f1 (Flame resistant)	



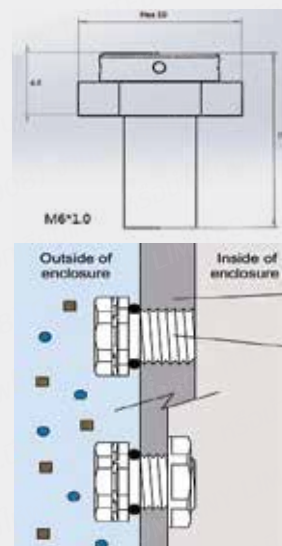
MIV SERIES

MIV- 06 PROTECTIVE VENT

Ventilation parts



Dimensions



Technical Data

Part no.	MIV -06□	MIV - 06HA
Typical airflow	20 ml / min (dp = 200 mbar)	60 ml / min (dp = 200 mbar)
Water entry pressure	0.6 bar / 30 sec	0.2 bar / 30 sec
Recommended torque	0.6 ~ 0.8 Nm	
Environmental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+125°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity - 1,000 hours UL94V-0 f1 (Flame resistant)	

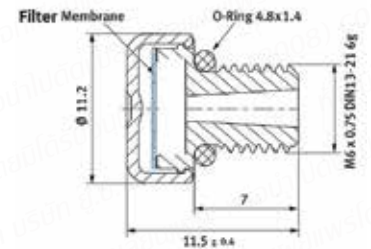
MIV SERIES

MIV- 06 PROTECTIVE VENT

Ventilation parts

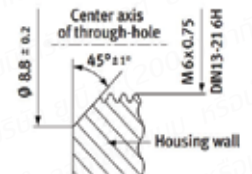


Dimensions



Dimensions

Part no.	MIV -06B	MIV -06HA
Typical airflow	50 ml / min (dp = 70mbar)	300 ml / min (dp = 70mbar)
Water entry pressure	0.6 bar / 30 sec	0.6 bar / 30 sec
Recommended torque	0.3 Nm	0.3 Nm
Enviromental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+105°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity - 1,000 hours UL94V-0 f1 (Flame resistant)	



Recommended torque:
0.3 ± 0.1 Nm

MIV SERIES

MIV- VE06 SUPRA VENT

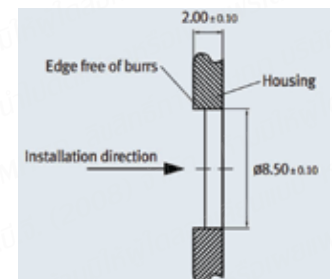
Ventilation parts



MOTOR
APPLICATION
EXAMPLE

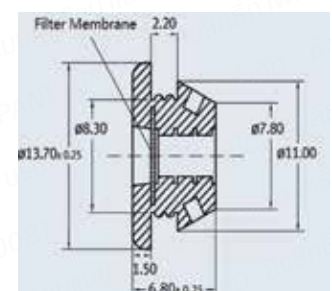


Dimensions



Dimensions

Part no.	MIV-VE06
Typical airflow	35 ml/min@7kpa
Water entry pressure	> 300mbar
Recommended torque	0.6 ~ 0.8 Nm
Enviromental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+125°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity - 1,000 hours UL94V-0 f1 (Flame resistant)



****สนใจสินค้า กรุณาสอบถามข้อมูลเพิ่มเติมได้ที่ฝ่ายขาย หรือ Hotline : 095-262-9455**



MIV SERIES

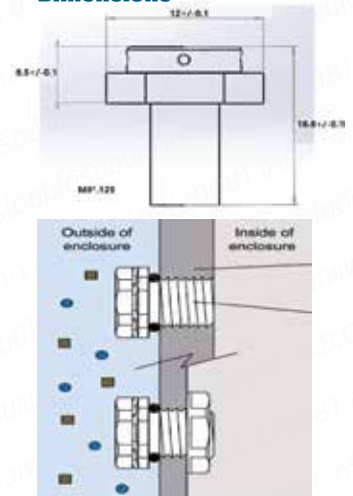
MIV- 08MS PROTECTIVE VENTS

Ventilation parts



Part no.	MIV-08M□
Typical airflow	50 ml / min (dp = 70 mbar)
Water entry pressure	0.6 bar / 30 sec
Recommended torque	0.6 ~ 0.8 Nm
Enviromental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+125°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity · 1,000 hours UL94V-0 f1 (Flame resistant)

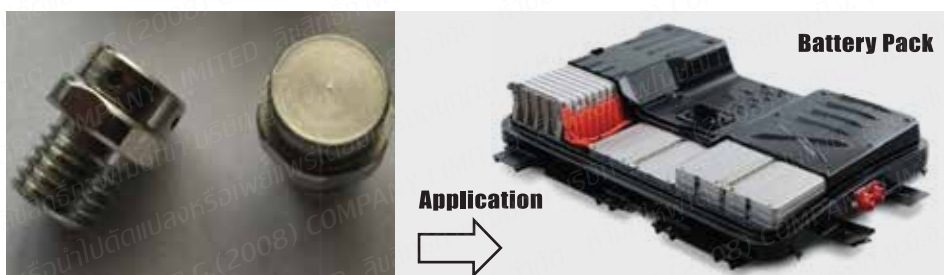
Dimensions



MIV SERIES

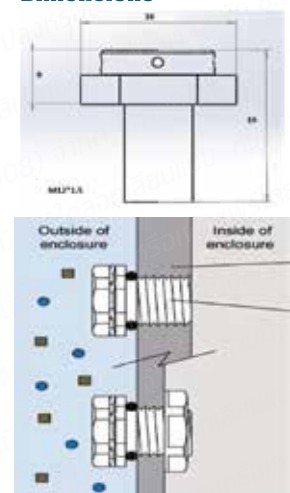
MIV- 12 PROTECTIVE VENTS

Ventilation parts



Part no.	MIV - 12 Metal
Typical airflow	450ml / min (dp = 70 mbar)
Water entry pressure	0.6 bar / 30 sec
Recommended torque	0.6 ~ 0.8 Nm
Enviromental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+125°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity · 1,000 hours

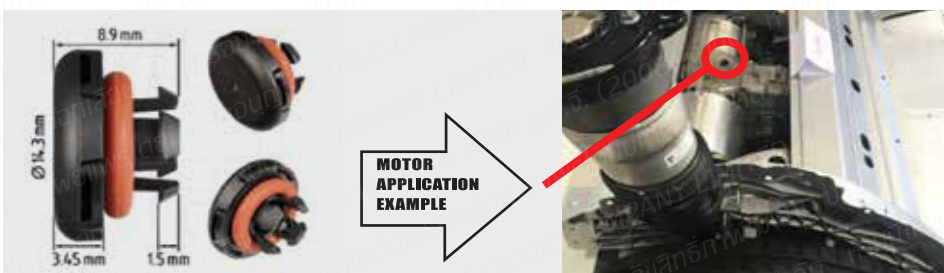
Dimensions



MIV SERIES

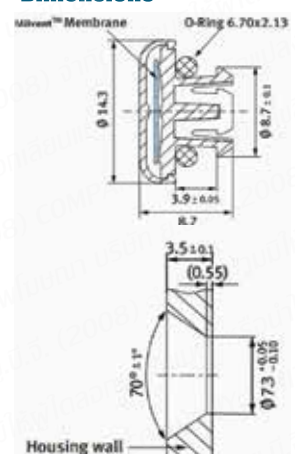
MIV- AVS200 SNAP IN VENTS

Ventilation parts



Part no.	MIV-AVS200
Typical airflow	>15l/h at 7kpa
Water entry pressure	>300mbar
Recommended torque	0.6 ~ 0.8 Nm
Enviromental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+125°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity · 1,000 hours UL94V-0 f1 (Flame resistant)

Dimensions



MIV SERIES

MIV- 10 PROTECTIVE VENT

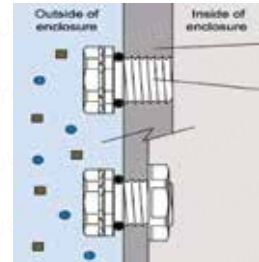
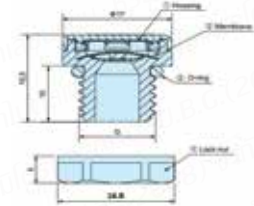
Ventilation parts



Application

Part no.	MIV -10	MIV -10HA□	MIV -10LA□
Typical airflow	450ml / min (dp = 70 mbar)	2,000ml / min (dp = 70 mbar)	180ml / min (dp = 70 mbar)
Water entry pressure	0.6 bar / 30 sec	0.3 bar / 30 sec	3 bar / 30 sec
Recommended torque	0.6 ~ 0.8 Nm		
Enviromental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+125°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity · 1,000 hours UL94V-0 f1 (Flame resistant)		

Dimensions



MIV SERIES

MIV- 12 PROTECTIVE VENT

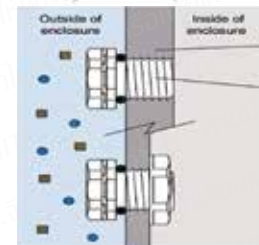
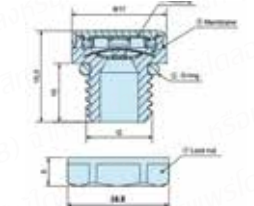
Ventilation parts



Application

Part no.	MIV -12□	MIV -12HA□	MIV -12LA□
Typical airflow	450ml / min (dp = 70 mbar)	2,000ml / min (dp = 70 mbar)	180ml / min (dp = 70 mbar)
Water entry pressure	0.6 bar / 30 sec	0.3 bar / 30 sec	3 bar / 30 sec
Recommended torque	0.6 ~ 0.8 Nm		
Enviromental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+125°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity · 1,000 hours UL94V-0 f1 (Flame resistant)		

Dimensions



MIV SERIES

MIV- 15 SNAP FIT VENTS

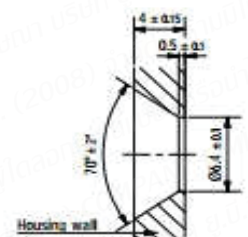
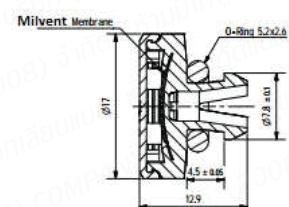
Ventilation parts



Application

Part no.	MIV-15 □	MIV-15HA□
Typical airflow	>16 l/h at 7kpa	>108 l/h at 7kpa
Water entry pressure	0.6 bar / 30 sec	0.3 bar / 30 sec
Recommended torque	0.6 ~ 0.8 Nm	
Enviromental performance	IEC529, 2nd (Protection class) : IP66 · IP67 · IP68 (Immersion : 2 meters / 1h) · IP69K IEC60068-2-1, 2, 14 (Heat resistance) : -40°C~+125°C IEC600-2-78 (Humidity testing) : 85°C · 85% humidity · 1,000 hours UL94V-0 f1 (Flame resistant)	

Dimensions



** สอบถามราคา กรุณาสอบถามข้อมูลเพิ่มเติมได้ที่ฝ่ายขาย หรือ Hotline : 095-262-9455

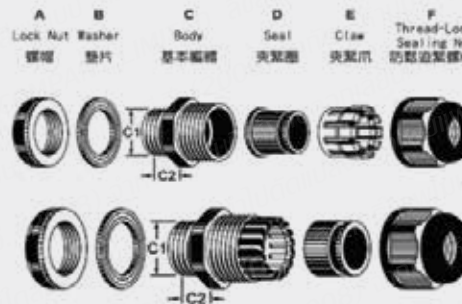
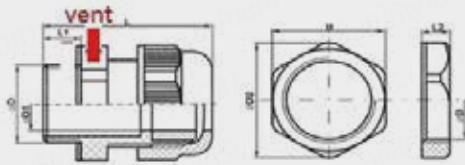
MG SERIES

WATERPROOF VENTILATED CABLE GLAND

IP68,PA66, Temp: -40 ~120C

RoHS

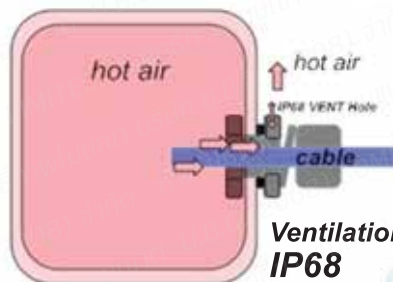
Airflow: >20cc/min@7kpa



Datasheet

Outline	Thread Spec.	Milvent P/N Black (B)	For cable OD	Thread OD	Thread Length	Wrench OD	Packing	Style	Thread	Article no. (B)	Clamping rang	Thread diameter	Length thread	Spanner diameter	packaging
		Grey (G)	mm	C1 mm	C2 mm	A&F mm	pcs			(G)	mm.	C1 mm	C2 mm	A&F mm	pcs
B TYPE 	M8*1.25	MG8B-04	2.5 ~ 4.5	8	7.5	12/13	50	B Style 	PG7	PG7B-08	4.5~7.8	12.5	8	17/19	50
		MG8B-02	1 ~ 2.5	8	7.5	12/13	50			PG7B-05	3~5.3	12.5	8	17/19	50
	M10*1.5	MG10B-06	2 ~ 6	10	8	14/15	50			PG75B-07	2~7	12.5	8	17/16	50
		MG10B-03	1.5 ~ 3	10	8	14/15	50		PG9	PG9B-08	4.5~8	15.2	8.5	22/19	50
	M12*1.5	MG12B-08	3.5 ~ 8	12	9	18/19	50			PG9B-05	3~5.3	15.2	8.5	22/19	50
		MG12BS-07	2.5 ~ 6.5	12	7.5	15/18	50		PG11	PG11B-10	5.5~10	18.6	9	24/22	50
		MG12BL-08	3.5 ~ 8	12	15	18/19	50			PG11B-07	4~7	18.6	9	24/22	50
		MG12SL-07	2.5 ~ 6.5	12	15	15/18	50		PG13.5	PG13.5B-12	7~12.5	20.4	10	27/24	50
	M16*1.5	MG16B-06	3.5 ~ 6.5	16	10	22/22	50			PG13.5B-09	4.5~9	20.4	10	27/24	50
		MG16B-10	6.5 ~ 10	16	10	22/22	50		PG16	PG16B-14	7~14	22.5	10	30/27	50
		MG16BS-08	3.5 ~ 8	16	8.5	19/22	50			PG16B-10	7~0.5	22.5	10	30/27	50
		MG16SL-08	3.5 ~ 8	16	15	19/22	50			PG16B-11	6~11	22.5	10	30/27	50
		MG16BL-06	4 ~ 7	16	15	22/22	50		PG19	PG19B-14	8.5~14	23.8	11	30/27	50
		MG16BL-10	6 ~ 11	16	15	22/22	50			PG19B-11	6~11	23.8	11	30/27	50
	M18*1.5	MG18B-10	6 ~ 10	18	10	22/24	50			PG21B-18	10~18	28.3	12	36/33	50
		MG18B-06	4 ~ 7	18	10	22/24	50		PG21	PG21B-08	4~8	28.3	12	36/33	50
		MG18BL-10	6 ~ 10	18	15	22/24	50			PG21B-13	7~13	28.3	12	36/33	50
		MG18BL-06	4 ~ 7	18	15	22/24	50		PG25	PG25B-20	9.5~20	29.8	12	37/36	50
	M20*1.5	MG20B-14	7.5 ~ 14	20	11	27/27	50			PG29B-25	17.5~25	37	15	46/42	20
		MG20B-10	5 ~ 10	20	11	27/27	50		PG29	PG29B-12	8~12	37	15	46/42	20
		MG20B-10.5	6 ~ 10.5	20	11	27/27	50			PG36B-32	24~32	47	15	57/52	10
		MG20BL-14	7.5 ~ 14	20	15	27/27	50		PG36	PG36B-25	16~25	47	15	57/53	10
		MG20BL-10	6 ~ 10	20	15	27/27	50			PG42B-41	30~41	54	15.5	64/62	10
		MG20BS-08	5~ 8.5	20	10	24/27	50		PG42	PG42B-28	22~28	54	15.5	64/62	10
		MG20BS-12	6~ 12	20	10	24/27	50			PG48B-45	33~46	59.3	15.5	70/65	10
		MG20BSL-12	6~ 12	20	15	24/27	50		PG48	PG48B-38	30~38	59.3	15.5	70/65	10
		MG20BSL-08	5~ 8.5	20	15	24/27	50								
	M22*1.5	MG22B-14	7.5 ~ 14	22	10	29/27	50								
		MG22B-10	5~ 10	22	10	29/27	50								
		MG25B-18	10~ 18.5	25	12	33/33	50								
		MG25B-13	7~ 13	25	12	33/33	50								
		MG25B-08	5~ 7.9	25	12	33/33	50								
		MG25BL-18	12~ 18.5	25	15	33/33	50								
		MG25BL-13	7~ 13	25	15	33/33	50								
		MG25BL-08	5~ 7.9	25	15	33/33	50								
	M25*1.5	MG25BS-14	8~ 14	25	11	27/33	50								
		MG25BS-10	5~ 10	25	11	27/33	50								
		MG25BS-10.5	6~ 10.5	25	11	27/33	50								
		MG32B-25	17~ 25	32	15	41/42	20								
	M32*1.5	MG32B-12	8~ 12	32	15	41/42	20								
		MG36B-25	16.5~ 25	36	12	41/45	10								
	M36*1.5	MG40B-30	20~ 30	40	15	50/52	10								
		MG40B-25	21~ 26.5	40	15	50/52	10								
	M40*1.5	MG50B-39	31~ 41	50	20	62/62	10								
		MG50B-32	24~ 32	50	20	62/62	10								
	M50*1.5	MG63B-49	44~ 51	63	20	75/76	10								
		MG63B-46	34.5~ 46	63	18	75/76	10								

How is works :



Ventilation Cable Gland
IP68



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MG SERIES

Metal Cable Gland-MG

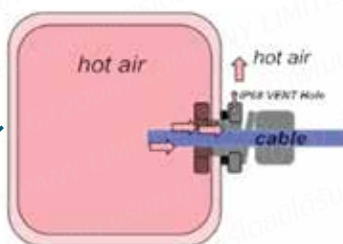
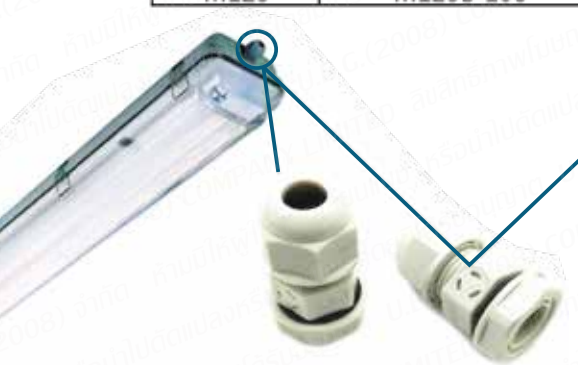
IP68,PA66, Temp: -40 ~100°C

Material : A, C, F Hight quality brass nickel plated, D USES white nylon, B, use nitrile rubber (NBR)

Airflow : >29cc/min@7kpa



螺牙规格 Thread	规格型号 Article no.	卡口范围 Clamping range	螺纹外径 Thread diameter	螺纹长度 Length thread	扳手径 Spanner diameter	包装 packaging
		mm	C1 mm	C2mm	A & F mm	pcs
M8	M8B-06	2-4.7	8	6	13/14	100
	M8B-06	2-4.9	8	6	14/14	
M10	M10B-06	3.0-6.8	10	6	14/14	
	M10B-06	2.5-6.5	10	6	14/14	
M12	M12B-06	3-6.4	12	6	14/14	
	M12B-08	3.5-8	12	6	17/18	
M14	M14B-06	2.5-6.4	14	6	16/14	
M16	M16B-08	3.5-8	16	7	18/18	
	M16B-10	5.0-10	16	7	18/20	
M18	M18B-10	4.5-10	18	7	20/20	50
M20	M20B-08	3.0-8	20	8	23/18	
	M20B-10	5.0-10	20	8	23/20	
	M20B-12	6.5-12	20	8	23/22	
	M20B-14	9--13.8	20	8	23/24	
M22	M22B-14	9.8-14	22	8	24-24	
M24	M24B-14	9.8-14	24	8	27/24	
M25	M25B-14	10.0-14	25	8	28/24	
	M25B-16	11.8-16	25	8	28/28	
	MG25B-18	13-18	25	8	28/28	
M27	M27B-18	10.0-18	27	8	30/30	20
M30	M30B-12	8.0-12	30	8	32/32	
	M30B-18	13.0-18	30	8	32/32	
	M30B-20	14-20	30	8	32/32	
M32	M32B-22	17-22	32	9	36/35	10
M33	M33B-22	15-22	33	9	36/36	
M36	M36B-25	18-25	36	9	40-40	
M40	M40B-28	22-28	40	10	42-42	
M42	M42B-28	22-27.8	42	10	45-42	5
M48	M48B-32	25-32	47.7	10	52-52	
M50	M50B-38	28-36	49.7	10	54-54	
M63	M63B-44	34-44	62.6	12	70-64	
M64	M64B-44	32-44	63.6	12	70-64	2
M72	M72B-52	42-52.5	71.5	15	78-78	
M76	M76B-55	47-55.5	75.6	15	82-82	
M80	M80B-60	51-60.5	79.5	15	88-88	
M88	M88B-72	56-72	87.5	18	98-98	1
M100	M100B-82	82-77	99.5	20	110-110	
M110	M110B-98	98-88	109.5	20	120-120	
M125	M125B-108	108-98	124.5	20	135-135	



**Ventilation Cable Gland
IP68**

APPLICATION

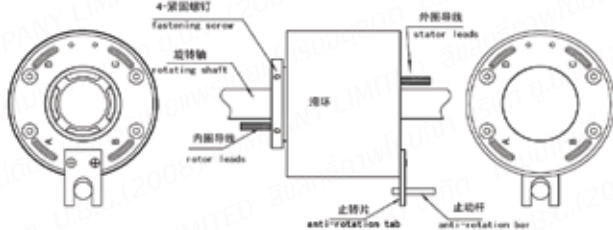
- Prevent lighting condensation
- Rapidly equalize pressure to increase service life effectively manage condensation and reduce housing design complexity, weight and costs
- Reliably protect sensitive electronics against water and other liquids
- Effectively block contaminants such as dirt, dust or salts

Munitions Higher SLIP RING

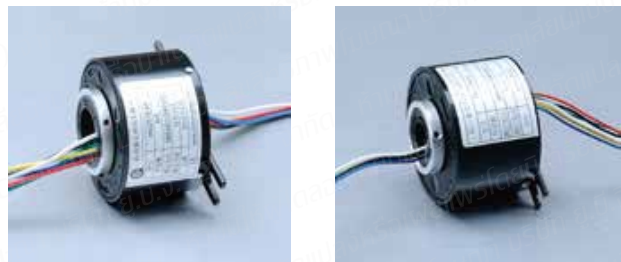
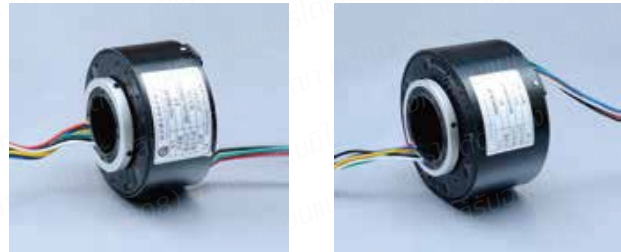
GRAND TECHNOLOGY

More Concentrated More Professional

Slip rings belong to the precision high-end appliances products, it is indispensable key components in modern automation equipment, which achieve rotating power and electrical signal transmission and avoid wiretwinning. It has been widely used in advanced military field, now with the development of economy, the enhancement of the industrial automation, It is more and more used in civilian areas to realize the automation



Standard Through-bore Slip Ring Series



HM Capsule Slip Ring Series



Fiber Optical Slip Ring Series



- Higher stability with adopting unique fine brush technology and more contact.
- Long life, Free maintenance.
- Blunt vibration without transient breaking phenomenon.
- Low loss
- The unique anti-interference handling, many signal can be coexisted in a ring.
- Through High signal transmission rate such as gigabit nets etc.
- High temperature and three special design can be applied in all kinds of environments.

Military Slip Ring Series

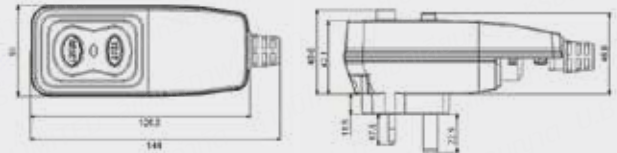


Leakage Current PROTECTION DEVICES

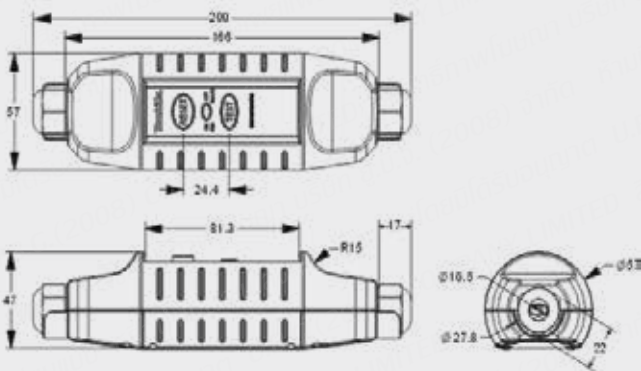
อุปกรณ์ป้องกันไฟรั่วไฟดูด

สำหรับต่อปลั๊กเครื่องใช้ไฟฟ้า COMPUTER เครื่องมือช่างต่างๆ
หลากหลายประเภท ใช้งานง่าย สะดวก ปลอดภัยสูง

- ตัดไฟอัตโนมัติเมื่อเกิดการรั่วไหลหรือเกิดไฟฟ้าช็อต
- ตัวปลั๊กกันน้ำและฝุ่นละออง ใช้งานง่าย สะดวก
- สินค้าคุณภาพสูงได้มาตรฐาน RoHS, PAHS และ REACH



CERTIFICATES : BS-CE, CE-EMC, RoHS, PAHS



Product Application

This RCD Protection is applicable to leakage protection of overseas hand held electric tool, electric pump, high pressure electric cleaner, electric grass cutter, electric water heater, strong release gas water heater, solar energy water heater, electric water boiler, air-conditioner, rice cooker, induction cooker, computer, TV set, refrigerator, washing machine, hair-dryer, electric iron, etc.

European Standard Plug-in RCD Series Specification

- Rated Voltage : 230V~/50HZ
- Rated Current : 10A
- Rated Leakage Tripping Current : 10mA
- Max Tripping Time : $\leq 0.1s$
- Operation Temperature : -25 degree + 40degree

Protection Class	IP54
Flexible Cord	H05RN3G1.0; H05VV-F3G1.0
Main Material	PC241R
Certificate	GS-BG, CE-EMC, RoHS, PAHS
Color	White, Orange, Black

Feature

- RCD is made of ASIC and special material with high reliability
- RCD can automatically cut off power promptly, protecting people's life When appliance leakage happens or human gets an electric shock
- Dustproof and waterproof functions, more reliable and wears well
- Users can assemble cable by themselves.



**** สนใจสินค้า กรุณาสอบถามข้อมูลเพิ่มเติมได้ที่ฝ่ายขาย หรือ Hotline : 095-262-9455**



ดีกว่ามั๊ย??

Isermal Firesleeve

Firesleeve Isermal Firesleeve protects hose, wires, pipe, tube etc. from hostile high-temp environments.

Isermal Firesleeve is manufactured by coating an E-glass braided sleeve with high-grade silicone rubber, typically in iron-oxid red color, other colors could be customized. Firesleeve is called pyrojacket and fire sleeving too. It is flexible, insulated, harmless to health and resists intense radiant heat, abrasion, oil and moisture etc.

with continuous working temperature at 260°C(500° F) and short time with standing exposure to max 1650°C(3000°F).



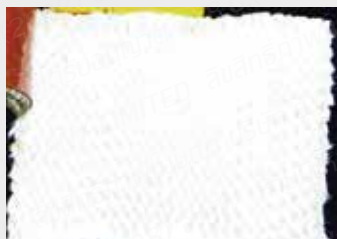
High-temp protection



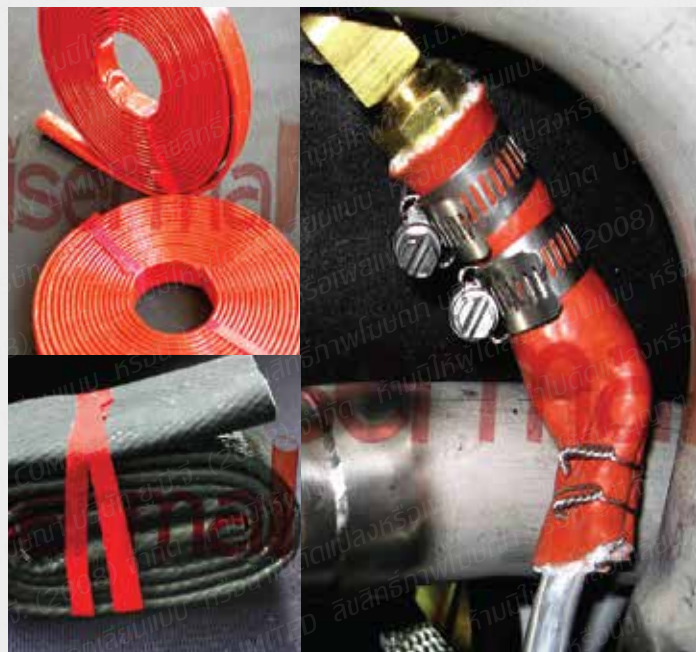
Coating smooth & consistent



Silicone coating with good elasticity



E-glass basic sleeve, more durable, better electrical insulation



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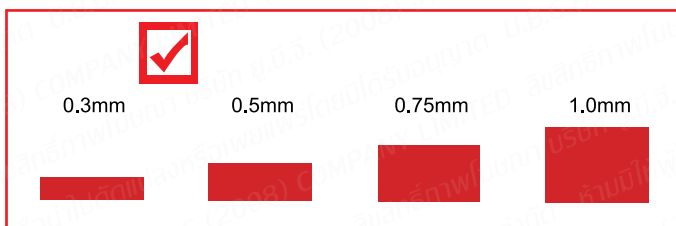
Silicone Rubber Self-Fusing Tape



Isermal silicone rubber self-fusing tape is extruded of 100% high performance silicone elastomer. Ingredients in the silicone cause it to permanently bond to itself when stretched and over-wrapped to itself. Isermal silicone rubber self-fusing tape.



Thickness : From 0.3mm to 1.0mm, MAX 3.0mm, standard thickness is 0.5mm
Length : From 2m to 20m per roll, standard roll length is 5m
Width : From 10mm to 100mm, standard width is 25mm, 50mm 100mm



Technical data

Property	Standard	Test Result	Test Method
Density	$\geq 1.1\text{g/cm}^3$	1.16g/cm^3	/
Operating Temperature	260°C (500°F)	260°C(500°F)	/
Brittle Temperature	-65°C (-85°F)	-65°C(-85°F)	/
Hardness, durometer Shore A	45~55	47	ASTM D2240
Tensile Stress at 100% Strain	/	173psi	ASTM D412
Tensile Strength	$\geq 710\text{psi}$ ($\geq 4.9\text{Mpa}$)	1508psi (10.4Mpa)	ASTM D412
Elongation	$\geq 200\%$	605%	ASTM D412
Tear Strength	/	6.8kN/m	ASTM D624
Dielectric Strength	400V/mil (15.75kV/mm)	1000V/mil (39.6kV/mm)	ASTM D149
Electrical Class	H Class	H Class	/
Bond Strength	/	825N/m	ASTM D2148
Water Absorption	$\leq 3\%$	0.80%	/
Resistance to	Acids, Fuels, Oils, Ozones, Salt Water, UV Rays...		



Our Capability



Specifications

Isermal part number	Width (mm)	Roll length #1 (meter)	Roll length#2 (meter)
★ ISM-02-25	25	3	5
ISM-02-30	30	3	5
ISM-02-38	38	3	5
★ ISM-02-50	50	3	5
ISM-02-75	75	3	5
ISM-02-100	100	3	5



www.ubg.co.th

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U.B.G. (2008) Company Limited.

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