

# Amphenol LTW Innovation in Waterproof Solution



# CATALOGUE

http://www.amphenolltw.com

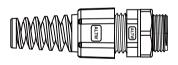
IP 67.68

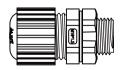
## **Cable Gland**



# **Range Overview**

**→** Plastic Cable Gland





#### $\, \succeq \,$ Plastic and Metal Cable Gland





1"-20 UNF (Metal)

13/16" -28UN (Plastic/Metal)

→ Flange Cable Gland



# **Specification**

Identifications	1"-20 UNF (Metal), M8, M12, M16, M20, M25, M32, M40 PG7, PG9, PG11, PG13.5, PG16, PG29, 13/16" -28UN, OD14.0
Material	Connector Body (Plastic): Nylon 66, UL Recognized UV Resistant Connector Body (Metal): Zinc Alloy, Nickel plated
Waterproof Rating	IP67~IP68
Temperature Range	-20°C ~105°C
More to know	Without Strain Relief / With Strain Relief Mating Style: Screw Thread

# **Ordering Information**

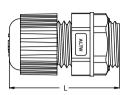
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	1 - 2 3
Specification	
(CSG) Cable Gland Circular	(CSF) Cable Gland Square
Screw Thread Type	
(20E) 1"-20 UNF	(07G) PG7
(08M) M8	(09G) PG9
(12M) M12	(11G) PG11
(16M) M16	(13G) PG13.5
(20M) M20	(16G) PG16
(25M) M25	(29G) PG29
( <b>32M</b> ) M32	(CSP) 13/16"-28UN
<b>(40M)</b> M40	
Square Flange Type (D14) OD 14.0	
More information (001), (002), (003) For different versions	
* (CSF) Cable Gland Square is av	vaiable for <b>(D14)</b> OD14.0 only.

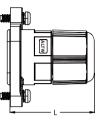
[Notes] Design and specification are subject to change without notice.

# IP 67.68

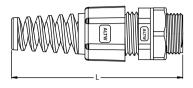
# **Physical Dimension**

### ↘ Without Strain Relief





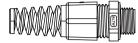
### ↘ With Strain Relief

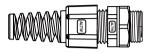


Dimension (Without		ut Strain Relief)	Dimension (With Strain Relief)		Maximum Panel
Size	Short	Long	Short	Long	Thickness
PG7	-	30.0mm	-	60.0mm	3.0mm
PG9	-	45.0mm	-	78mm	7.5mm
PG11	-	48.3mm	-	79.1mm	6.0mm
PG13.5	_	49.6mm	_	86.6mm	6.2mm
PG16	45.0mm	49.6mm	81.6mm	86.6mm	4.5mm (Short) 6.0mm (Long)
PG29	-	52.5mm	-	-	6.0mm
M8	22.0 mm	-	-	-	-
M12	30.0 mm	42.2mm	-	60.0mm	3.0mm
M16	40.0mm	45.0mm	75.3mm	78.0mm	7.5mm
M20	36.7mm	43.7mm	79.6 mm	86.6mm	6.2mm
M25	45.0mm	52.1mm	89.0 mm	96.0mm	6.2mm
M32	47.5 mm	52.5mm	-	-	6.0mm
M40	-	60.0mm	-	-	9.0mm
1"-20 UNF (Metal)	35.0mm		_	-	5.0mm
13/16''-28UN	42.0mm	50.0mm	-	-	-
OD14.0	40.0mm	-	-	-	-

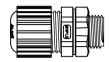
# **Find Our Standard Products**

### ightarrow Plastic Cable Gland









With Strain Relief / Without Screw Nut

With Strain Relief / With Screw Nut

Without Strain Relief / Without Screw Nut

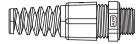
Without Strain Relief / With Screw Nut

	Thread Style	Cable OD	Part Number	Cable Gland Body Information 3
	PG7	4.5~6.5	CSG-07G00 3	(001)Without strain relief, Black (002)Without strain relief, Gray (003)With strain relief, Black (004)With strain relief, Gray (005)Without strain relief, Gray for Knock Hole
	PG9	6.0~10.0	CSG-09G00 <b>3</b>	(001)Without strain relief, Black (002)Without strain relief, Gray (003)With strain relief, Black (004)With strain relief, Gray (005)Without strain relief, Gray For Knock Hole
	PG11	6.0~10.0	CSG-11G00 3	(001)Without strain relief, Black (002)Without strain relief, Gray (003)With strain relief, Black (004)With strain relief, Gray
PG Thread	PG13.5	10.0~14.0	CSG-13G00 3	(001)Without strain relief, Black (002)Without strain relief, Gray (003)With strain relief, Black (004)With strain relief, Gray
	PG 16	10.0~14.0	CSG-16G00 3	<ul> <li>(001)Without strain relief, Black (Long Body)</li> <li>(002)Without strain relief, Gray (Long Body)</li> <li>(003)With strain relief, Black (Long Body)</li> <li>(004)With strain relief, Gray (Long Body)</li> <li>(006)Without strain relief, Black (Short Body), without screw nut</li> <li>(007)Without strain relief, Gray (Short Body), without screw nut</li> <li>(008)With strain relief, Black (Short Body), without screw nut</li> <li>(009)With strain relief, Gray (Short Body)</li> </ul>
		5.5~7.6	CSG-16G005	Without strain relief, without screw nut Black (Short Body) For RJ Cable Use
		Max 6.5	CSG-16G010	Without strain relief, Black (Long Body) For RJ Cable Use
	PG29	16~22	CSG-29G00 3	(001)Without strain relief, Black (002)Without strain relief, Gray
		18~25	CSG-29G00 3	(003)Without strain relief, Black (004)Without strain relief, Gray

[Notes] Design and specification are subject to change without notice.

#### Cable Gland Connector I Find Our Standard Products Plastic Cable Gland Metric Thread

## IP 67.68

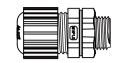


With Strain Relief / Without Screw Nut



With Strain Relief / With Screw Nut





Without Strain Relief / Without Screw Nut Without Strain Relief / Without Screw Nut

Without Strain Relief / With Screw Nut

	Thread Style	Cable OD	Part Number	Cable Gland Body Information 3	
	M8	2.5~3.0	CSG-08M003	(001)Without strain relief, Black (002)Without strain relief, Gray	
	M12	4.5~6.5	CSG-12M00 3	(001)Without strain relief, Black (002)Without strain relief, Gray (003)With strain relief, Black (004)With strain relief, Gray (005)Without strain relief, Black (Short Body), UL94-V0 & ULf1 rated (006)Without strain relief, Black (Long Body), UL94-V0 & ULf1 rated	
	M16	6.0~10.0	CSG-16M00 3	<ul> <li>(001)Without strain relief, Black (Long Body)</li> <li>(002)Without strain relief, Black (Long Body), UL94-V0 &amp; ULf1 rated</li> <li>(003)Without strain relief, Gray (Long Body)</li> <li>(004)Without strain relief, Black(Short Body), without screw nut</li> <li>(005)Without strain relief, Gray(Short Body), without screw nut</li> <li>(006)With strain relief, Black (Long Body)</li> <li>(007)With strain relief, Gray (Long Body)</li> <li>(008)With strain relief, Gray (Short Body), without screw nut</li> <li>(009)With strain relief, Black (Short Body), without screw nut</li> </ul>	
Metric Thread	M20	10.0~14.0	CSG-20M00 3	<ul> <li>(001)Without strain relief, Black (Long Body)</li> <li>(002)Without strain relief, Black (Short Body), without screw nut</li> <li>(003)Without strain relief, Gray (Long Body)</li> <li>(004)Without strain relief, Gray (Short Body), without screw nut</li> <li>(005)With strain relief, Black (Long Body)</li> <li>(006)With strain relief, Gray (Long Body)</li> <li>(007)With strain relief, Black (Short Body), without screw nut</li> <li>(008)With strain relief, Gray (Short Body), without screw nut</li> </ul>	
	M25	13.0~18.0	CSG-25M00 3	<ul> <li>(001)Without strain relief, Gray (Long Body)</li> <li>(002)Without strain relief, Black (Short Body), without screw nut</li> <li>(003)Without strain relief, Black (Long Body)</li> <li>(004)Without strain relief, Gray (Short Body), without screw nut</li> <li>(005)With strain relief, Black (Long Body)</li> <li>(006)With strain relief, Gray (Long Body)</li> <li>(006)With strain relief, Gray (Long Body)</li> <li>(007)With strain relief, Black (Short Body), without screw nut</li> <li>(008)With strain relief, Gray (Short Body), without screw nut</li> </ul>	
		16.0~22	CSG-32M00	<ul> <li>(001)Without strain relief, Black (Long Body)</li> <li>(002)Without strain relief, Gray (Long Body)</li> <li>(003)Without strain relief, Black (Short Body), without screw nut</li> <li>(004)Without strain relief, Gray (Short Body), without screw nut</li> </ul>	
	M32	18.0~25.0	CSG-32M00 3	<ul> <li>(005)Without strain relief, Black (Long Body)</li> <li>(006)Without strain relief, Gray (Long Body)</li> <li>(007)Without strain relief, Black (Short Body), without screw nut</li> <li>(008)Without strain relief, Gray (Short Body), without screw nut</li> </ul>	
		20~25	CSG-40M00	(001)Without strain relief, Black (Long Body) (002)Without strain relief, Gray (Long Body)	
	M40	24~32	CSG-40M003	(003)Without strain relief, Black (Long Body) (004)Without strain relief, Gray (Long Body)	

#### $\$ Plastic/Metal Cable Gland



1"-20 UNF



13/16"-28UN

	<b>T</b> I I O I	0.11.00		
Unified Screw Thread	Thread Style	Cable OD	Part Number	Cable Gland Body Information
	1"-20 UNF (Metal)	5.5~7.0	CSG-20E001	Without strain relief, Silver
		7.8~9.3	CSG-20E002	Without strain relief, Silver
	13/16" -28UN (Plastic)	5.0~6.5	CSG-CSP001	Without strain relief, Black
		8.0~9.5	CSG-CSP002	Without strain relief, Black
		6.5~8.0	CSG-CSP003	Without strain relief, Black
	13/16" -28UN (Metal)	5.5~7.0	CSG-CSP004	Without strain relief, Silver
		7.8~9.3	CSG-CSP005	Without strain relief, Silver

### rightarrow Flange Cable Gland



Thread Style	Cable OD	Part Number	Cable Gland Body Information
OD14.0 (Plastic)	5.0~7.0	CSF-D14001	Without strain relief, Black
	7.8~9.3	CSF-D14002	Without strain relief, Black
OD14.0 (Metal)	5.5~7.0	CSF-D14003	Without strain relief, Silver
	7.8~9.3	CSF-D14004	Without strain relief, Silver

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