



INSTALLATION INSTRUCTION

CORD GRIP CONNECTOR

OEC CG Cord Grip Connector For Wet, Dry, Ordinary and Hazardous Location



Installation Instruction

1. Measure the cable diameter and select the cord grip connector from Table.
2. Use a torque wrench to securely tighten the body and cap when install in threaded enclosure. Set the assembly torque as per below table.
3. Use lock nut and rubber gasket when Install in plain hole enclosure and hand tighten the locknut, then further tighten with the wrench.

Note:

- a) When using with hub type enclosure, the aluminium/steel locknut and Rubber Gasket must be use for a liquid tight and dust tight seal.
- b) Check the enclosure hub hole diameter as per below Table for proper fitment and assembly of the cord grip connector.

Applications:

- OEC Cord Grip Connectors are UL Listed for use with flexible cords including type S, SO, STO, ST, SJ, SJT, SJTO and SVO.

Features:

- Rugged construction protects cord from damage.
- Compact design permits close spacing of fittings on panel applications.
- Tightening one nut creates watertight seal.
- Male tapered NPT thread.
- Wide cable sealing range.
- Temperature : -50°C to +90°C



Body



Grommet
Black/color
Coded



Steel
Washer



Compression
Nut

Standard materials:

- Body & Cap – Aluminium
- Rubber Seal – Neoprene
- Washer – Steel
- Natural – Finish

Certifications and compliances:

- UL Standard 514B
- Suitable for use in Class I, Division 2 hazardous locations when installed in accordance with NEC 501.10(B)(2)

Table

Dimensions In Inches					
Kit Part Number	Part Number	Size	Cable Range (Inches)	Plain Hub Enclosure Hole ID	Torque Value(lbs-in)
OEC-CG025	CG025188	3/8"	0.125 - 0.188	17.50 - 18.00	110
	CG025250		0.188 - 0.250		
	CG025312		0.250 - 0.312		
	CG025375		0.312 - 0.375		
	CG025438		0.375 - 0.438		
OEC-CG050	CG050188	1/2"	0.125 - 0.188	21.80 - 22.50	135
	CG050250		0.188 - 0.250		
	CG050312		0.250 - 0.312		
	CG050375		0.312 - 0.375		
	CG050438		0.375 - 0.438		
	CG050500		0.438 - 0.500		
	CG050562		0.500 - 0.562		
OEC-CG075	CG075500	3/4"	0.438 - 0.500	27.00 - 27.80	110
	CG075562		0.500 - 0.562		
	CG075625		0.562 - 0.625		
	CG075688		0.562 - 0.688		
	CG075750		0.625 - 0.750		
OEC-CG100	CG075812	1"	0.688 - 0.812	33.50-34.50	355
	CG100562		0.438 - 0.562		
	CG100625		0.562 - 0.625		
	CG100688		0.562 - 0.688		
	CG100750		0.625 - 0.750		
	CG100812		0.688 - 0.812		
	CG100875		0.750 - 0.875		
	CG100938		0.812 - 0.938		
	CG1001000		0.875 - 1.000		

Table

Dimensions In Inches					
Kit Part Number	Rubber Seal Cable Range	Size	Cable Range (Inches)	Plain Hub Enclosure Hole ID	Torque Value(lbs-in)
OEC-CG125	CG125188	1-1/4"	0.562 - 0.688	42.50 - 43.50	355
	CG125250		0.688 - 0.812		
	CG125312		0.750 - 0.875		
	CG125375		0.875 - 1.000		
	CG125438		1.000 - 1.125		
OEC-CG150	CG150688	1-1/2"	0.562 - 0.688	48.50 - 49.50	400
	CG150812		0.688 - 0.812		
	CG150875		0.750 - 0.875		
	CG1501000		0.875 - 1.000		
	CG1501125		1.000 - 1.125		
	CG1501250		1.125 - 1.250		
	CG1501375		1.250 - 1.375		
OEC-CG200	CG2001375	2"	1.250 - 1.375	61.50 - 62.50	490
	CG2001437		1.312 - 1.437		
	CG2001562		1.438 - 1.562		
	CG2001688		1.562 - 1.688		
	CG2001812		1.688 - 1.812		
*OEC-CG250	CG2501812	2-1/2"	1.688 - 1.812	73.0 - 73.50	490
	CG2501938		1.812 - 1.938		
	CG2502062		1.938 - 2.062		
	CG2502188		2.062 - 2.188		
	CG2502312		2.188 - 2.312		
	CG2502438		2.312 - 2.438		
*OEC-CG300	CG3002625	3"	2.437 - 2.625	88.45-89.00	531
	CG3002812		2.625 - 2.812		
	CG3003000		2.812 - 3.000		
	CG3003250		3.000 - 3.250		

Note : (*) Not UL Listed