

SL Series Liquid Tight Connector

For Liquid-tight Flexible Metal Conduit (LFMC)
For use in Hazardous Locations



Application

- > Threaded connection of liquid tight flexible metal conduit through thin wall of sheet metal enclosure
- > Direct connection outdoors with liquid tight flexible metal conduit (LFMC) in wet, dusty and corrosive environments.
- > Classified and hazardous locations where flammable vapors, gases, ignitable dusts, fibers or flying are present



Features



- > Long steel ferrule connect liquid tight flexible metal conduit (LFMC) to avoid pulling out
- > Designed locknut assure tight fixing with thin wall of sheet metal enclosure
- > Insulated throat protects conductors when pulling the cables
- > Seal gasket to assure liquidtight, raintight, oiltight protection
- > Available in straight, 90 degree and 45 degree bend
- > Optional added safety grounding screw
- > NPT thread (NPT3/8" – NPT6")
- > Ingress protection: standard IP66
- > Operating Temperature: -15 °C ~ +120 °C

Standard Material

- > Malleable Iron
- > Zinc Die Cast

Certifications

EN Standard-ATEX

-  II 2 G Ex e II Gb
Zone 1, Zone 2 Group IIA, IIB and IIC
-  II 2 D Ex tb III Db
Zone 21, Zone 22 Group IIIA, IIIB and IIIC

IEC Standard-IECEX

- Ex e II Gb
Zone 1, Zone 2 Group IIA, IIB and IIC
- Ex tb IIIC Db
Zone 21, Zone 22 Group IIIA, IIIB and IIIC

NEC Standard-UL

- Class I, Division 2, Group A B C D
- Class II, Division 1, Group E F G
- Type 4X

Ordering Information

Straight Connector, Malleable Iron



Cat. #	Hub size
SL-MA01	NPT3/8"
SL-MA02	NPT1/2"
SL-MA03	NPT3/4"
SL-MA04	NPT1"
SL-MA05	NPT1 1/4"
SL-MA06	NPT1 1/2"
SL-MA07	NPT2"
SL-MA08	NPT2 1/2"
SL-MA09	NPT3"
SL-MA10	NPT4"

90°Angle Connector, Malleable Iron



Cat. #	Hub size
SL-MB01	NPT3/8"
SL-MB02	NPT1/2"
SL-MB03	NPT3/4"
SL-MB04	NPT1"
SL-MB05	NPT1 1/4"
SL-MB06	NPT1 1/2"
SL-MB07	NPT2"
SL-MB08	NPT2 1/2"
SL-MB09	NPT3"
SL-MB10	NPT4"

45°Angle Connector, Malleable Iron



Cat. #	Hub size
SL-MC01	NPT3/8"
SL-MC02	NPT1/2"
SL-MC03	NPT3/4"
SL-MC04	NPT1"
SL-MC05	NPT1 1/4"
SL-MC06	NPT1 1/2"
SL-MC07	NPT2"
SL-MC08	NPT2 1/2"
SL-MC09	NPT3"
SL-MC10	NPT4"

Straight Connector, Malleable Iron



Cat. #	Hub size
SL-ZA01	NPT3/8"
SL-ZA02	NPT1/2"
SL-ZA03	NPT3/4"
SL-ZA04	NPT1"
SL-ZA05	NPT1 1/4"
SL-ZA06	NPT1 1/2"
SL-ZA07	NPT2"
SL-ZA08	NPT2 1/2"
SL-ZA09	NPT3"
SL-ZA10	NPT4"

90°Angle Connector, Zinc Die Cast



Cat. #	Hub size
SL-ZC01	NPT3/8"
SL-ZC02	NPT1/2"
SL-ZC03	NPT3/4"
SL-ZC04	NPT1"
SL-ZC05	NPT1 1/4"
SL-ZC06	NPT1 1/2"
SL-ZC07	NPT2"
SL-ZC08	NPT2 1/2"
SL-ZC09	NPT3"
SL-ZC10	NPT4"

45°Angle Connector, Zinc Die Cast



Cat. #	Hub size
SL-ZB01	NPT3/8"
SL-ZB02	NPT1/2"
SL-ZB03	NPT3/4"
SL-ZB04	NPT1"
SL-ZB05	NPT1 1/4"
SL-ZB06	NPT1 1/2"
SL-ZB07	NPT2"
SL-ZB08	NPT2 1/2"
SL-ZB09	NPT3"
SL-ZB10	NPT4"

Catalogue Numbering System

SL-

M

Material

M: Malleable Iron

Z: Zinc Die Cast

A

Connector Type

A: Straight type

B: 90° bend type

C: 45° bend type

01

Thread Size

01: NPT3/8"

02: NPT1/2"

...

10: NPT4"

G

Grounding

Blank

G: With Grounding