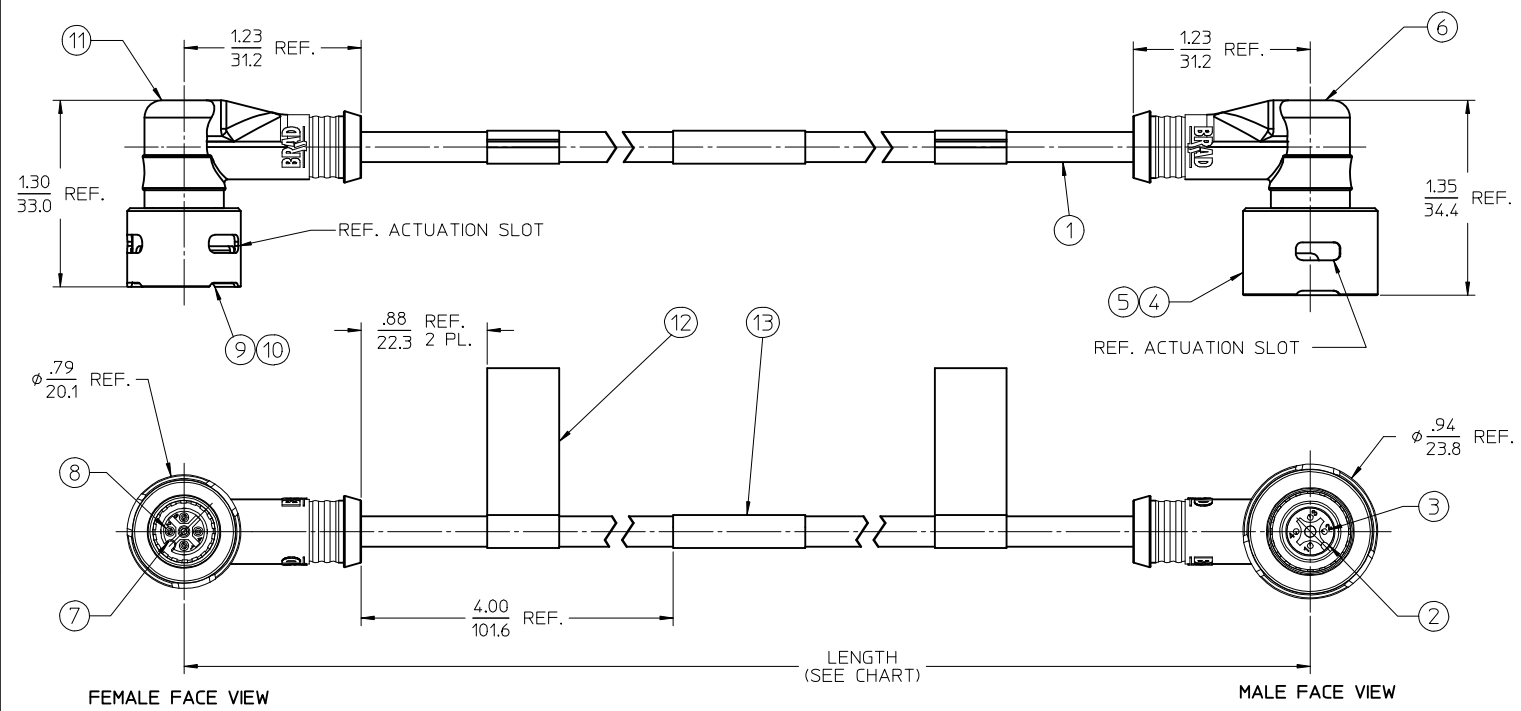
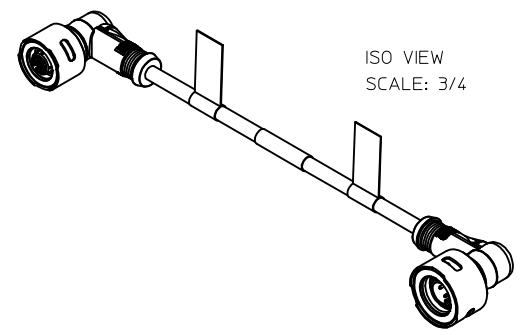


| MATERIAL NO. | ENGINEERING NO. | LENGTH | POLES |
|--------------|-----------------|----------|-------|
| 1206132007 | LWLW4033K03M010 | 39.4(1M) | 4 |
| 1206132008 | LWLW5033K03M010 | 39.4(1M) | 5 |

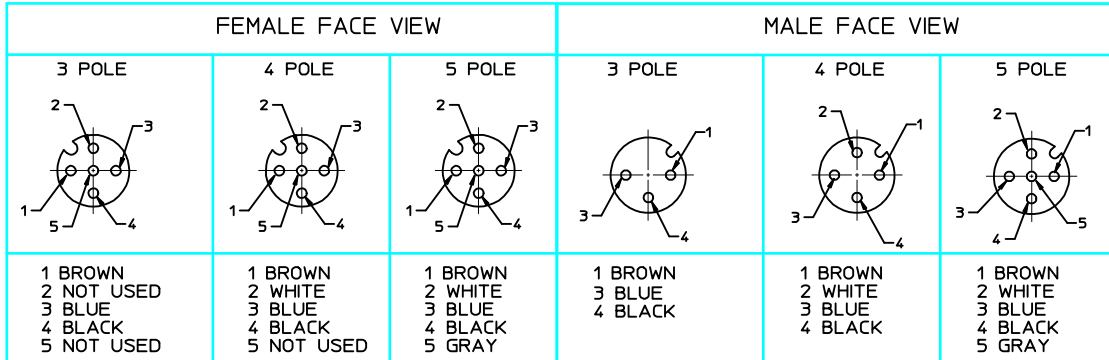
NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED
NO CHANGES CAN BE MADE TO THE ASSEMBLY, COMPONENTS
OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND
FACTORY MUTUAL.



⑧ **LWLWX033K03MXXX**

DOUBLE END
POLE QTY.
HEAD STYLE (S)
CABLE TYPE
FINISHED LENGTH
REF. XXX = METERS
EXAMPLE 010- 1M

- NOTES:
1. MATERIAL: SEE TABLE
 2. FINISHES: SEE TABLE
 3. PRODUCT SPECIFICATIONS: PS-120614-001
 4. CONTROL DOC: ES-120614-001
 5. 3 & 4 POLE ELECTRICAL SPECIFICATIONS:
VOLTAGE RATING: 125V
CURRENT RATING: 4 AMPS
 6. 5 POLE ELECTRICAL SPECIFICATIONS:
VOLTAGE RATING: 32V
CURRENT RATING: 4 AMPS



| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |
|------|------|-------------------------|--------------|--------------|
| 13 | 1 | WRAP LABEL | PLASTIC FILM | BLACK/YELLOW |
| 12 | 2 | FLAG LABEL (WARNING) | POLYESTER | BLACK/ORANGE |
| 11 | 1 | OVERMOLD, FEMALE | TPE | YELLOW |
| 10 | 1 | OUTER SLEEVE, FEMALE | ST. STEEL | PASSIVATED |
| 9 | 1 | INNER SLEEVE, FEMALE | ST. STEEL | PASSIVATED |
| 8 | XX | CONTACT SOCKET | Cu ALLOY | GOLD PLATED |
| 7 | 1 | INSERT, FEMALE | PUR | BLACK |
| 6 | 1 | OVERMOLD, MALE | TPE | YELLOW |
| 5 | 1 | OUTER SLEEVE, MALE | ST. STEEL | PASSIVATED |
| 4 | 1 | INNER SLEEVE, MALE | ST. STEEL | PASSIVATED |
| 3 | XX | CONTACT PIN | Cu ALLOY | GOLD PLATED |
| 2 | 1 | INSERT, MALE | PUR | BLACK |
| 1 | 1 | CABLE, #18 AWG ITC/PLTC | TPE | YELLOW |

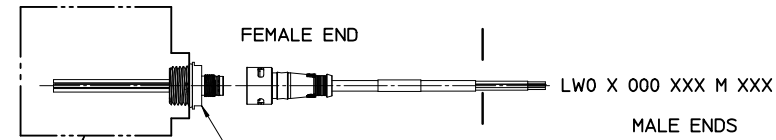
| ADDED P/N LEGEND EC NO: JFG2014-0138 DRWR:RSTONE 2013/07/24 CHKD:RSTONE 2013/08/01 APPR:WOODMAN 2013/12/30 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>2 PLACES ±</td> <td>---</td> <td>±.01</td> </tr> <tr> <td>1 PLACE ±</td> <td>±0.3</td> <td>---</td> </tr> </table> ANGULAR ± 2° | | mm | INCH | 4 PLACES ± | --- | --- | 3 PLACES ± | --- | --- | 2 PLACES ± | --- | ±.01 | 1 PLACE ± | ±0.3 | --- | DIMENSION STYLE IN/MM | SCALE 1.5:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION |
|---|--------------------------------------|--|--------------------|------------------------------------|--------------------|---|-----|-----|------------|-----|-----|------------|-----|------|-----------|------|-----|---------------------------------|-----------------------|-----------------------------|------------------------|
| | | | | mm | INCH | | | | | | | | | | | | | | | | |
| 4 PLACES ± | --- | --- | | | | | | | | | | | | | | | | | | | |
| 3 PLACES ± | --- | --- | | | | | | | | | | | | | | | | | | | |
| 2 PLACES ± | --- | ±.01 | | | | | | | | | | | | | | | | | | | |
| 1 PLACE ± | ±0.3 | --- | | | | | | | | | | | | | | | | | | | |
| DRAWN BY RSTONE 2011/11/23 | DATE 2011/11/23 | CHECKED BY L.HARTMANN 2012/01/27 | DATE 2012/01/27 | APPROVED BY JFMURPHY 2012/04/18 | DATE 2012/04/18 | ULTRA-LOCK ZONE 2 MALE 90 TO FEMALE 90 K03, 18 AWG, TPE MOLEX INCORPORATED | | | | | | | | | | | | | | | |
| MATERIAL NO. SEE CHART | | DOCUMENT NO. SD-120613-008 | | SHEET NO. 1 OF 1 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | |

CLASS 1, DIVISION 2, GROUP A, B, C, OR D
HAZARDOUS LOCATION

NON-HAZARDOUS LOCATION

CLASS 1, DIVISION 2, GROUP A, B, C, OR D
HAZARDOUS LOCATION

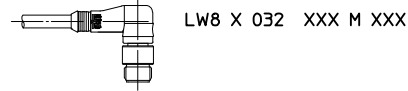
NON-HAZARDOUS LOCATION



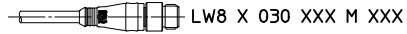
LWR X 006 A18 CXXX
(MALE 1/2" NPT)
LWR X A06 A18 CXXX
(MALE 1/4" NPT)

LW0 X 000 XXX M XXX

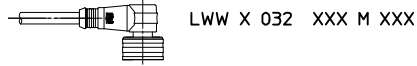
MALE ENDS



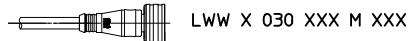
LW8 X 032 XXX M XXX



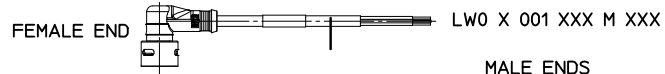
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LWW X 032 XXX M XXX

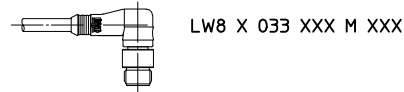


LWW X 030 XXX M XXX



LW0 X 001 XXX M XXX

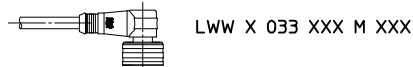
MALE ENDS



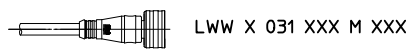
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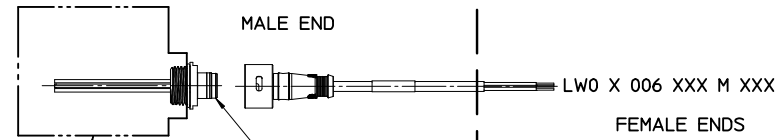
LW8 X 031 XXX M XXX



LWW X 033 XXX M XXX



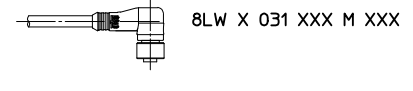
LWW X 031 XXX M XXX



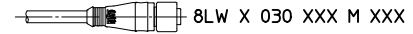
LWR X 000 A18 CXXX
(FEMALE 1/2" NPT)
LWR X A00 A18 CXXX
(FEMALE 1/4" NPT)

LW0 X 006 XXX M XXX

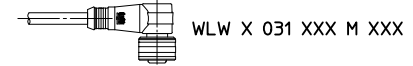
FEMALE ENDS



8LW X 031 XXX M XXX



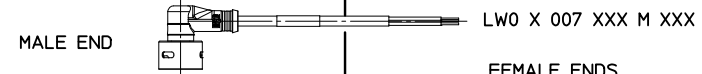
8LW X 030 XXX M XXX



WLW X 031 XXX M XXX

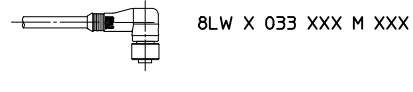


WLW X 030 XXX M XXX

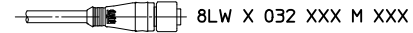


LW0 X 007 XXX M XXX

FEMALE ENDS



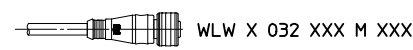
8LW X 033 XXX M XXX



8LW X 032 XXX M XXX



WLW X 033 XXX M XXX



WLW X 032 XXX M XXX

NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED
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OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND
FACTORY MUTUAL.

THIS DRAWING SUPERSEDES ES-120614-001 REV-B

- NOTES:
1. THE INSTALLATION MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), ANSI/NFPA 70. SPECIFIC REQUIREMENTS FOR THE INSTALLATION OF ITC RATED CABLE MAY BE FOUND IN ARTICLE 501.4(B)(1)(5) AND ARTICLE 727.4
 2. THE MOLDED CONSTRUCTION OF THE CORDSET AND GAS/VAPORTIGHT CONTINUOUS SHEATH OF THE CABLE MEET THE REQUIREMENTS OF THE NEC, ARTICLE 501-5(E)(2) FOR CABLE SEALS IN CLASS 1, DIVISION 2

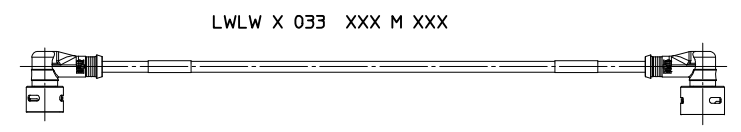
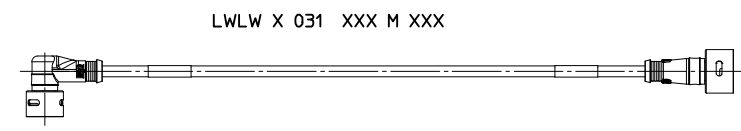
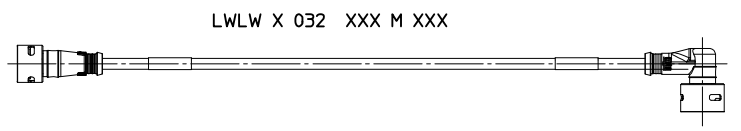
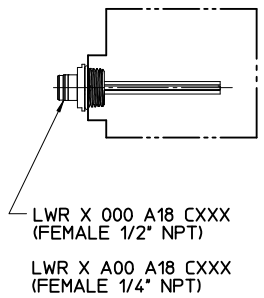
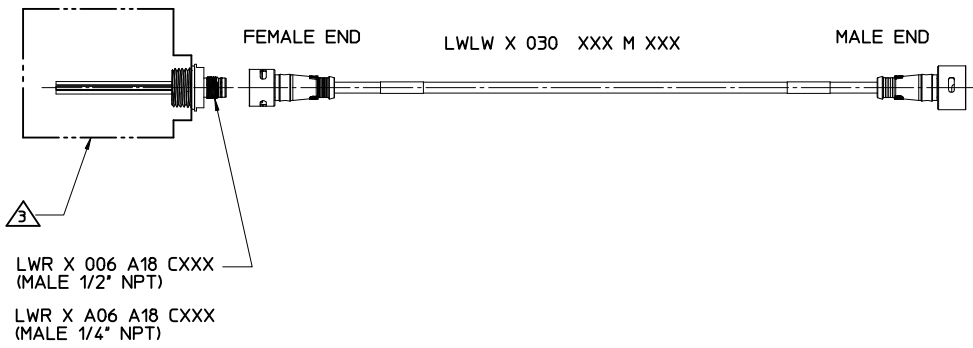
FIELD DEVICE APPROVAL FOR CLASS 1, DIV. 2 OR CLASS 1, ZONE2 INSTALLATIONS

REF. SEE SHEET 3 FOR CONFIGURATION INFORMATION

| | | | | | | | | | | |
|--|-------------------------------|--|----------------------|---|------------|-----------------------------------|--------------|------------------------|--|--|
| SEE SHEET 3 EC NO: IPG2018-0141 DRAWNRSTONE 2017/08/28 CHKD:WOODMAN 2017/08/30 APPR:WOODMAN 2017/09/06 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | |
| | | | | IN/MM | | 1:1 | INCH | | | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± --- | DRAWN BY | DATE | TITLE | | | | |
| | | 2 PLACES ± --- ± --- | 1 PLACE ± --- ± --- | RSTONE | 2012/05/18 | CONTROL DOC FOR ULTRA-LOCK ZONE 2 | | | | |
| | | ANGULAR ± --- ° | | CHECKED BY | DATE | MATERIAL NO. | | | | |
| | | | | K JOZWIK | 2012/05/22 | 1206149999 | | | | |
| | | | | APPROVED BY | DATE | DOCUMENT NO. | | | | |
| | | | | JFMURPHY | 2012/08/27 | SD-120614-999 | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |
| | | | | SIZE | | SHEET NO. | | | | |
| | | | | C | | 1 OF 3 | | | | |

CLASS 1, DIVISION 2, GROUP A, B, C, OR D
HAZARDOUS LOCATION

HAZARDOUS LOCATION



- REF:
1. SEE SHEET 1 FOR NOTES
 2. SEE SHEET 3 FOR CONFIGURATION INFORMATION

NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED
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OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND
FACTORY MUTUAL.

| | | | | | | | | | |
|--|-------------------------------|---|---|--------------------------|--------------------|--|----------------------|------------------------|-------------------------------|
| SEE SHEET 3 EC NO: JFG2018-0141 2017/08/28 DRAWNR:STONE 2017/08/30 CHKD:WOODMAN 2017/09/06 APPR:WOODMAN | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | | SCALE 1:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- | mm INCH ± --- ± --- ± --- ± --- ± --- ± --- ± --- ± --- | DRAWN BY RSTONE | DATE 2012/05/18 | TITLE CONTROL DOC FOR ULTRA-LOCK ZONE 2 | | | |
| REV | DESCRIPTION | MATERIAL NO. 1206149999 | | APPROVED BY JFMURPHY | DATE 2012/08/27 | MOLEX INCORPORATED | | SHEET NO. 2 OF 3 | DOCUMENT NO. SD-120614-999 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |

M12/MICROCHANGE ULTRA-LOCK CORD CONNECTORS AND CORD SETS

LWO 3 000 C02 M 020 8
 I II III IV V VI VII

I: CONNECTOR TYPE

- LWO= ULTRA-LOCK ZONE 2 MALE OR FEMALE SINGLE END CORDSET
- LWW= ULTRA-LOCK ZONE 2 FEMALE TO STANDARD ULTRA-LOCK MALE DOUBLE ENDED CORDSET
- WLW= ULTRA-LOCK ZONE 2 MALE TO STANDARD ULTRA-LOCK FEMALE DOUBLE ENDED CORDSET
- LW8= ULTRA-LOCK ZONE 2 FEMALE TO STANDARD M12 MALE DOUBLE ENDED CORDSET
- 8LW= ULTRA-LOCK ZONE 2 MALE TO STANDARD M12 FEMALE DOUBLE ENDED CORDSET
- LWLW= ULTRA-LOCK ZONE 2 FEMALE TO ULTRA-LOCK ZONE 2 MALE DOUBLE ENDED CORDSET

II: NUMBER OF POLES: 3= 3 PIN, 4= 4 PIN, 5 = 5 PIN

III: CONFIGURATION

- SINGLE ENDED:
- 000= STRAIGHT FEMALE CONNECTOR
 - 001= FEMALE 90°
 - 006= STRAIGHT MALE, EXTERNAL THREAD
 - 007= MALE 90°

DOUBLE ENDED:

- 030= STRAIGHT FEMALE CONNECTOR TO STRAIGHT MALE CONNECTOR
- 031= FEMALE 90° TO MALE STRAIGHT
- 032= FEMALE STRAIGHT TO MALE 90°
- 033= FEMALE 90° TO MALE 90°

IV: CABLE TYPE

- C02= SJ00W YELLOW, 18 AWG, DC CODE (CSA ONLY) **G**
- K03= PLTC/ITC, 18 AWG, TPE JACKET
- K05= PLTC/ITC, 22 AWG, TPE JACKET

V: UNIT OF MEASURE

- F= FEET
- M= METERS

VI: CABLE LENGTH (MAY BE ANY 3 DIGIT NUMBER FROM 001-100)

- 1ST DIGIT= 10 X LENGTH
- 2ND DIGIT= 1 X LENGTH
- 3RD DIGIT= .1 X LENGTH

VII: COUPLING NUT MATERIAL

ULTRA-LOCK ZONE 2 END(S) ARE STAINLESS STEEL

M12 OR ULTRA-LOCK:

- NONE = STANDARD MATERIAL (NICKEL PLATED BRASS)
- 8= STAINLESS STEEL

NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED
 NO CHANGES CAN BE MADE TO THE ASSEMBLY, COMPONENTS
 OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND
 FACTORY MUTUAL.

M12/MICROCHANGE ULTRA-LOCK OUTLETS

LWR 3 A00 A18 M 020 8
 I II III IV V VI VII

I: CONNECTOR TYPE

LWR= LOCKING INLETS AND OUTLETS

II: NUMBER OF POLES 3=3 PIN, 4= 4 PIN, & 5= 5 PIN

III: CONFIGURATION

- SINGLE ENDED:
- A00= FEMALE STRAIGHT (INT.THEAD) 1/4-18 NPT
 - A06= MALE STRAIGHT (EXT.THEAD) 1/4-18 NPT
 - 000= FEMALE STRAIGHT (INT.THEAD) 1/2-14 NPT
 - 006= MALE STRAIGHT (EXT.THEAD) 1/2-14 NPT

G IV: WIRE TYPE

- A18= 22 AWG, PVC, DC COLOR CODE, UL TYPE 1061
- A16= 18 AWG, PVC, DC COLOR CODE, UL TYPE 1569

V: UNIT OF MEASURE

- A= INCHES
- F= FEET
- C= CENTIMETERS
- M= METERS

VI: WIRE LENGTH (MAY BE ANY 3 DIGIT NUMBER FROM 001-100)

- 1ST DIGIT= 10 X LENGTH
- 2ND DIGIT= 1 X LENGTH
- 3RD DIGIT= .1 X LENGTH

VII: SHELL MATERIAL

- M12 OR ULTRA-LOCK:
- NONE = STANDARD MATERIAL (COPPER ZINC ALLOY)
- 3= NICKEL PLATED BRASS
- 8= STAINLESS STEEL

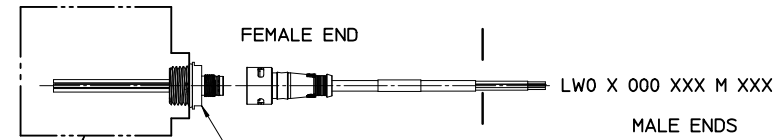
| | | | | | | | |
|--|--|--|---|----------------------------|-------------------------------|-----------------------------|--------------------------------------|
| CORSET NOTE IV, ADD CSA OUTLET NOTE IV, REMOVE PCB PINS EC NO: IPG2018-0141 DR: MHRSTONE 2017/08/28 CHKD: BWOODMAN 2017/08/30 APPR: BWOODMAN 2017/09/06 | QUALITY SYMBOLS ▽=0 ▽7=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- ANGULAR ±---° | DIMENSION STYLE IN/MM DRAWN BY DATE RSTONE 2012/05/18 CHECKED BY DATE K JOZWIK 2012/05/22 APPROVED BY DATE JFMURPHY 2012/08/27 | SCALE 1:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION ☉ | CONTROL DOC FOR ULTRA-LOCK ZONE 2 |
| | MOLEX INCORPORATED | | | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | MATERIAL NO. 1206149999 | DOCUMENT NO. SD-120614-999 | SHEET NO. 3 OF 3 | |
| | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |

CLASS 1, DIVISION 2, GROUP A, B, C, OR D
HAZARDOUS LOCATION

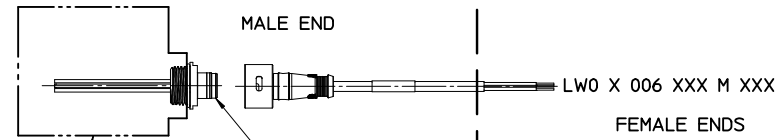
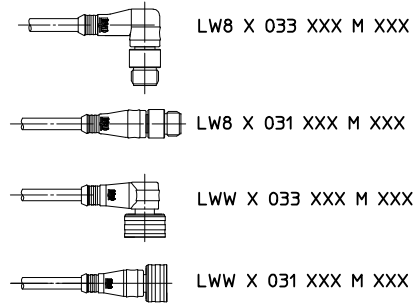
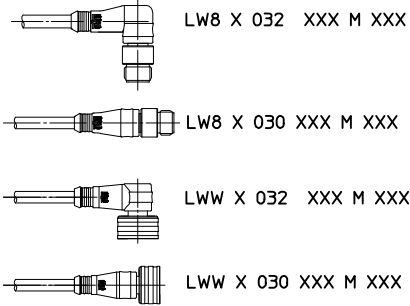
NON-HAZARDOUS LOCATION

CLASS 1, DIVISION 2, GROUP A, B, C, OR D
HAZARDOUS LOCATION

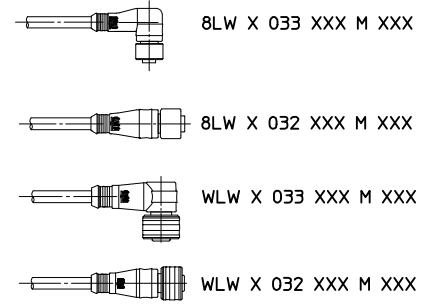
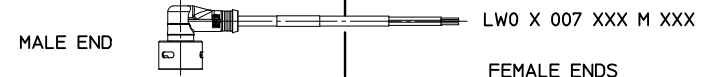
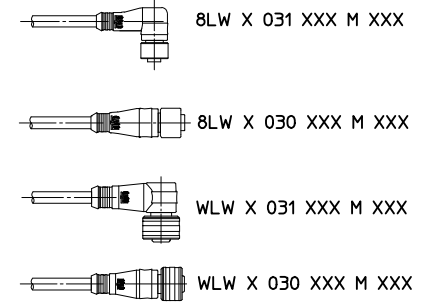
NON-HAZARDOUS LOCATION



LWR X 006 A18 CXXX
(MALE 1/2" NPT)
LWR X A06 A18 CXXX
(MALE 1/4" NPT)



LWR X 000 A18 CXXX
(FEMALE 1/2" NPT)
LWR X A00 A18 CXXX
(FEMALE 1/4" NPT)



NOTES:

1. THE INSTALLATION MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), ANSI/NFPA 70. SPECIFIC REQUIREMENTS FOR THE INSTALLATION OF ITC RATED CABLE MAY BE FOUND IN ARTICLE 501.4(B)(1)(5) AND ARTICLE 727.4
2. THE MOLDED CONSTRUCTION OF THE CORDSET AND GAS/VAPORTIGHT CONTINUOUS SHEATH OF THE CABLE MEET THE REQUIREMENTS OF THE NEC, ARTICLE 501-5(E)(2) FOR CABLE SEALS IN CLASS 1, DIVISION 2

⚠ FIELD DEVICE APPROVAL FOR CLASS 1, DIV. 2 OR CLASS 1, ZONE2 INSTALLATIONS

REF. SEE SHEET 3 FOR CONFIGURATION INFORMATION

NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED
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OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND
FACTORY MUTUAL.

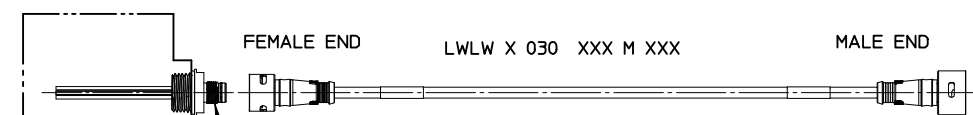
THIS DRAWING SUPERSEDES ES-120614-001 REV-B

| | | | | | | | | | | | |
|--|-------------------------------|---------------------------------------|--|---|--|--|----------------------|--|--|----------------------------|--|
| SEE SHEET 3 EC NO: IPG2018-0141 DRAWN BY: DRWINRSTONE 2017/08/28 CHKD: BWOODMAN 2017/08/30 APPR: BWOODMAN 2017/09/06 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | | SCALE 1:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | | | |
| | | | | | | TITLE CONTROL DOC FOR ULTRA-LOCK ZONE 2 | | | | | |
| | | 4 PLACES ± --- ± --- | | DRAWN BY: RSTONE DATE: 2012/05/18 | | CHECKED BY: K JOZWIK DATE: 2012/05/22 | | APPROVED BY: JFMURPHY DATE: 2012/08/27 | | MATERIAL NO. 1206149999 | |
| | | 3 PLACES ± --- ± --- | | 2 PLACES ± --- ± --- | | 1 PLACE ± --- ± --- | | ANGULAR ± ---° | | DOCUMENT NO. SD-120614-999 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE C | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |

SHEET NO. 1 OF 3

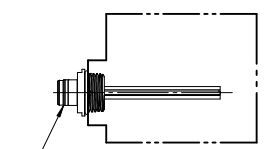
CLASS 1, DIVISION 2, GROUP A, B, C, OR D
HAZARDOUS LOCATION

HAZARDOUS LOCATION



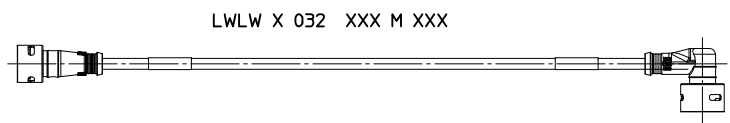
LWR X 006 A18 CXXX
(MALE 1/2" NPT)

LWR X A06 A18 CXXX
(MALE 1/4" NPT)

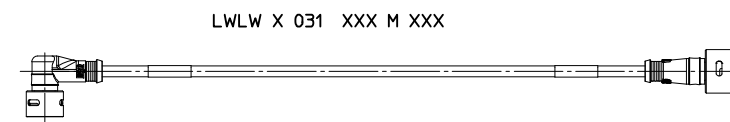


LWR X 000 A18 CXXX
(FEMALE 1/2" NPT)

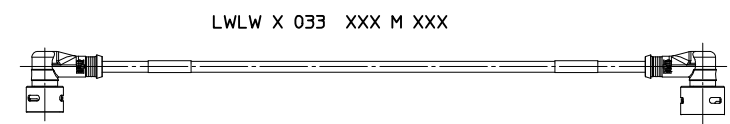
LWR X A00 A18 CXXX
(FEMALE 1/4" NPT)



LWLW X 032 XXX M XXX



LWLW X 031 XXX M XXX



LWLW X 033 XXX M XXX

- REF:
1. SEE SHEET 1 FOR NOTES
 2. SEE SHEET 3 FOR CONFIGURATION INFORMATION

NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED
NO CHANGES CAN BE MADE TO THE ASSEMBLY, COMPONENTS
OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND
FACTORY MUTUAL.

| | | | | | | | | | |
|---|-------------------------------|---|---|---|--------------------|--|----------------------|------------------------|--|
| SEE SHEET 3 EC NO: JFG2018-0141 2017/08/28 DRAWNRSTONE 2017/08/30 CHKD:WOODMAN 2017/09/06 APPR:WOODMAN | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | | SCALE 1:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- | mm INCH ± --- ± --- ± --- ± --- ± --- ± --- ± --- ± --- | DRAWN BY RSTONE | DATE 2012/05/18 | TITLE CONTROL DOC FOR ULTRA-LOCK ZONE 2 | | MOLEX INCORPORATED | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. 1206149999 | | APPROVED BY JFMURPHY | | DATE 2012/08/27 | | | |
| | | | | SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | SHEET NO. 2 OF 3 | | | |

M12/MICROCHANGE ULTRA-LOCK CORD CONNECTORS AND CORD SETS

LWO 3 000 C02 M 020 8
 I II III IV V VI VII

I: CONNECTOR TYPE
 LWO= ULTRA-LOCK ZONE 2 MALE OR FEMALE SINGLE END CORDSET
 LWW= ULTRA-LOCK ZONE 2 FEMALE TO STANDARD ULTRA-LOCK MALE DOUBLE ENDED CORDSET
 WLW= ULTRA-LOCK ZONE 2 MALE TO STANDARD ULTRA-LOCK FEMALE DOUBLE ENDED CORDSET
 LW8= ULTRA-LOCK ZONE 2 FEMALE TO STANDARD M12 MALE DOUBLE ENDED CORDSET
 8LW= ULTRA-LOCK ZONE 2 MALE TO STANDARD M12 FEMALE DOUBLE ENDED CORDSET
 LWLW= ULTRA-LOCK ZONE 2 FEMALE TO ULTRA-LOCK ZONE 2 MALE DOUBLE ENDED CORDSET

II: NUMBER OF POLES: 3= 3 PIN, 4= 4 PIN, 5 = 5 PIN

III: CONFIGURATION
 SINGLE ENDED:
 000= STRAIGHT FEMALE CONNECTOR
 001= FEMALE 90°
 006= STRAIGHT MALE, EXTERNAL THREAD
 007= MALE 90°

DOUBLE ENDED:
 030= STRAIGHT FEMALE CONNECTOR TO STRAIGHT MALE CONNECTOR
 031= FEMALE 90° TO MALE STRAIGHT
 032= FEMALE STRAIGHT TO MALE 90°
 033= FEMALE 90° TO MALE 90°

IV: CABLE TYPE
 C02= SJ00W YELLOW, 18 AWG, DC CODE (CSA ONLY) **G**
 K03= PLTC/ITC, 18 AWG, TPE JACKET
 K05= PLTC/ITC, 22 AWG, TPE JACKET

V: UNIT OF MEASURE
 F= FEET
 M= METERS

VI: CABLE LENGTH (MAY BE ANY 3 DIGIT NUMBER FROM 001-100)
 1ST DIGIT= 10 X LENGTH
 2ND DIGIT= 1 X LENGTH
 3RD DIGIT= .1 X LENGTH

VII: COUPLING NUT MATERIAL
 ULTRA-LOCK ZONE 2 END(S) ARE STAINLESS STEEL

M12 OR ULTRA-LOCK:
 NONE = STANDARD MATERIAL (NICKEL PLATED BRASS)
 8= STAINLESS STEEL

**NOTICE: THIS PART IS CSA AND FACTORY MUTUAL APPROVED
 NO CHANGES CAN BE MADE TO THE ASSEMBLY, COMPONENTS
 OR SUPPLIER WITHOUT PRIOR APPROVAL FROM CSA AND
 FACTORY MUTUAL.**

M12/MICROCHANGE ULTRA-LOCK OUTLETS

LWR 3 A00 A18 M 020 8
 I II III IV V VI VII

I: CONNECTOR TYPE
 LWR= LOCKING INLETS AND OUTLETS

II: NUMBER OF POLES 3=3 PIN, 4= 4 PIN, & 5= 5 PIN

III: CONFIGURATION
 SINGLE ENDED:
 A00= FEMALE STRAIGHT (INT.THEAD) 1/4-18 NPT
 A06= MALE STRAIGHT (EXT.THEAD) 1/4-18 NPT
 000= FEMALE STRAIGHT (INT.THEAD) 1/2-14 NPT
 006= MALE STRAIGHT (EXT.THEAD) 1/2-14 NPT

G IV: WIRE TYPE
 A18= 22 AWG, PVC, DC COLOR CODE, UL TYPE 1061
 A16= 18 AWG, PVC, DC COLOR CODE, UL TYPE 1569

V: UNIT OF MEASURE
 A= INCHES
 F= FEET
 C= CENTIMETERS
 M= METERS

VI: WIRE LENGTH (MAY BE ANY 3 DIGIT NUMBER FROM 001-100)
 1ST DIGIT= 10 X LENGTH
 2ND DIGIT= 1 X LENGTH
 3RD DIGIT= .1 X LENGTH

VII: SHELL MATERIAL
 M12 OR ULTRA-LOCK:
 NONE = STANDARD MATERIAL (COPPER ZINC ALLOY)
 3= NICKEL PLATED BRASS
 8= STAINLESS STEEL

| | | | | | | | | | |
|--|------------------|--|---------------------------------------|---|---------------------|----------------|--|---------------|-----------|
| CORSET NOTE IV, ADD CSA OUTLET NOTE IV, REMOVE PCB PINS EC NO: IPG2018-0141 DR: MHRSTONE 2017/08/28 CHKD: BWOODMAN 2017/08/30 APPR: BWOODMAN 2017/09/06 | DESCRIPTION G | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | |
| | | mm | INCH | DRAWN BY | DATE | TITLE | CONTROL DOC FOR ULTRA-LOCK ZONE 2 MOLEX INCORPORATED | | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± --- | 2 PLACES ± --- ± --- | 1 PLACE ± --- ± --- | ANGULAR ± ---° | | 1:1 | INCH |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. | 1206149999 | DOCUMENT NO. | | SD-120614-999 | SHEET NO. |
| | | SIZE | B | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |