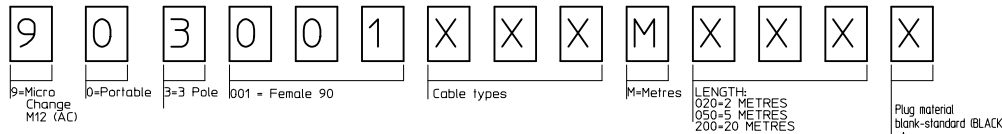


PART No MATRIX



E11 CABLE SPECIFICATION:

CONDUCTOR:
MATERIAL: PVC
CROSS SECTION: 0.34 mm²
INSULATION:
MATERIAL: PVC
DIAMETER: 1.55±0.05 mm
JACKET:
MATERIAL: PVC
COLOR: YELLOW
DIAMETER: 5.1±0.1 mm
TEMPERATURE RANGE:
DYNAMIC: -5°C TO +70°C
STATIC: -30°C TO +70°C
VOLTAGE: 300V

S26 CABLE SPECIFICATION:

CONDUCTOR:
MATERIAL: PVC
CROSS SECTION: 0.34 mm²
DIAMETER: 1.40±0.10 mm
JACKET:
MATERIAL: PVC
COLOR: YELLOW
DIAMETER: 6.2 mm min / 6.4 mm max
TEMPERATURE RANGE:
DYNAMIC: -5°C TO +70°C
STATIC: -30°C TO +70°C
VOLTAGE: 300V

P11 CABLE SPECIFICATION:

CONDUCTOR:
MATERIAL: PVC
CROSS SECTION: 0.34 mm²
DIAMETER: 1.55 mm
JACKET:
MATERIAL: PUR
COLOR: BLACK
DIAMETER: 5.00±0.30 mm
TEMPERATURE RANGE:
DYNAMIC: -5°C TO +70°C
STATIC: -30°C TO +70°C
VOLTAGE: 300V

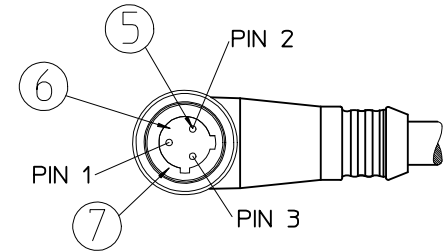
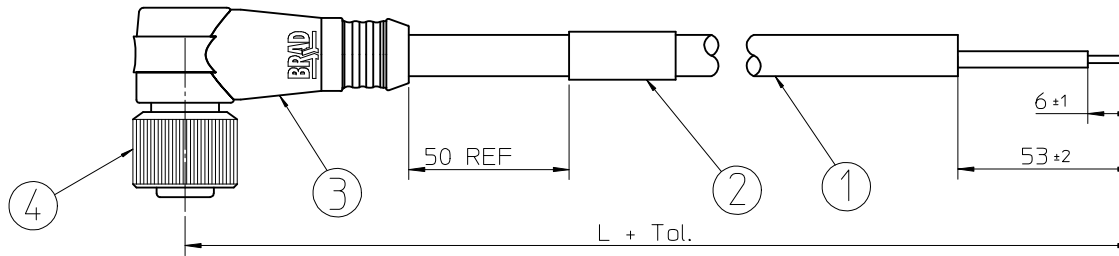
I29 CABLE SPECIFICATION:

CONDUCTOR:
MATERIAL: PVC
CROSS SECTION: 0.75 mm²
DIAMETER: 2.20 mm
JACKET:
MATERIAL: PVC
COLOR: GREY
DIAMETER: 6.50±0.30 mm
TEMPERATURE RANGE:
DYNAMIC: -5°C TO +70°C
STATIC: -30°C TO +70°C
VOLTAGE: 300V

CHART 1

| MOLEX PN | ENGINEERING NO. | L[mm] |
|------------|-----------------|-------|
| 1200060801 | 903001P11M020 | 2000 |
| 1200130003 | 903001E11M050 | 5000 |
| 1200130004 | 903001P11M100 | 10000 |
| 1200130005 | 903001S26M020 | 2000 |
| 1200130014 | 903001I29M030 | 3000 |
| 1200728018 | 903001E11M020 | 2000 |
| 1200728019 | 903001P11M050 | 5000 |
| 1200728020 | 903001S26M030 | 3000 |
| 1200728046 | 903001E11M030 | 3000 |
| 1200728059 | 903001S26M050 | 5000 |
| 1200728077 | 903001P11M040 | 4000 |
| 1200728116 | 903001I29M030Y | 3000 |

ELECTRICAL DIAGRAM



VIEW FROM THE FRONT SIDE

Table of length tolerances

| Over | Up to and including | Tolerance (+) |
|-------|---------------------|---------------|
| 0 | 305 | +19 |
| 305 | 915 | +45 |
| 915 | 1830 | +56 |
| 1830 | 3660 | +89 |
| 3660 | 7320 | +165 |
| 7320 | 14640 | +317 |
| 14640 | 30500 | +610 |
| 30500 | > | +2% of length |

Bill of Materials

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |
|------|------|-------------------------|------------|--------|
| 7 | 1 | GASKET | FPM | RED |
| 6 | 1 | INSERT M12 4P FEMALE | NYLON | - |
| 5 | 3 | CONTACT FEMALE | - | - |
| 4 | 1 | COUPLING NUT FEMALE M12 | - | NICKEL |
| 3 | - | MOLDING MATERIAL | SEE MATRIX | |
| 2 | 1 | LABEL | VINYL | YELLOW |
| 1 | - | CABLE | SEE MATRIX | |

| | | | | | | | |
|--|-----------------|--|---|-------------------------------|--------------|--------------------------------|---------------------|
| ORIGINAL RELEASE EC NO: IPG2015-1622 DRWN: AKONDRAC IUK 2015/07/13 CHKD: MMAJGAT 2015/07/13 APPR: MIWASIECZKO 2015/07/20 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | ▽=0 ◻=0 | mm INCH | MM ONLY | --- | METRIC | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- | DRAWN BY DATE AKONDRAC IUK 2015/07/13 CHECKED BY DATE MMAJGAT 2015/07/13 APPROVED BY DATE MIWASIECZKO 2015/07/20 | TITLE | | MMC-3P-AC-2KW- FE-90-XM-XXX | |
| | | ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE CHART 1 | DOCUMENT NO. SD-120072-021 | | molex | SHEET NO. 1 OF 1 |