

## SUMMARY

### # Wires

|                  |                 |
|------------------|-----------------|
| Low voltage      | 2               |
| High voltage     | 2               |
| Fiber optic      | 2               |
| Series           | 3K              |
| Termination type | Hybrid contacts |
| IP rating        | 68 when mated   |
| AWG wire size    | 24.00 - 20.00   |
| Cable Ø          | 8.90 - 9.50 mm  |
| Status           | active          |



Image is for illustrative purpose only

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PB*: Fixed receptacle 'Y design' with rear square flange (4 hole fixing), cable adapter, with bend relief nut |
| Keying            | 5 keys (alpha=95, beta=115, gamma=20, delta=30, plug: female LV, male HV, female FO contacts)                 |
| Housing Material  |   |
| Variant           | Z : Nut for fitting a bend relief   |
| Weight            | 96.98 g   |

### Performance

|               |                                    |
|---------------|------------------------------------|
| Configuration | 3K.93C : 2 FO Type F2, 2 HV + 2 LV |
| Insulator     |                                    |
| Rated Current | 10 Amps                            |

### Specifications

Cable type: SMPTE 311M or EBU R100

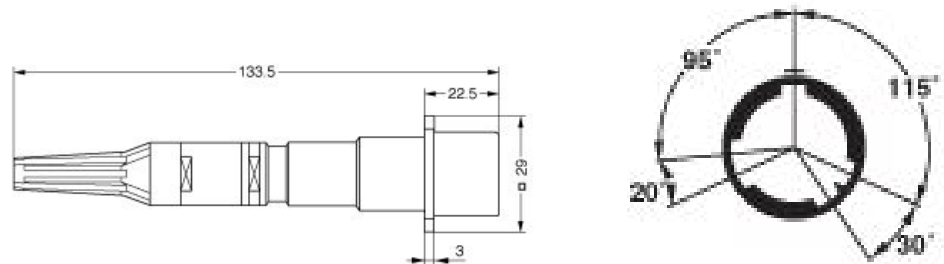
### Others

Endurance (Shell): 20000 mating cycles

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Temp (min / max): -40° C / +80° C  
 Humidity (max): <=95% [at 60 deg C /140 F]  
 Vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Climatical Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)

## DRAWINGS



### Dimensions

|     | A    | F    | G    | H    | L     | M    |
|-----|------|------|------|------|-------|------|
| mm. | 29   | 3    | 3.5  | 23   | 133.5 | 22.5 |
| in. | 1,14 | 0,12 | 0,14 | 0,91 | 5,26  | 0,89 |

## RECOMMENDED BY LEMO

### Tools

Crimp settings: AWG/Selector = 20-22-24 14-16-18/6-5-5 7-6-5  
 Positionner: [DCE.91.093.BVC](#)  
 Positionner 2: [DCE.91.133.BVCM](#)  
 Extractor: [DCC.09.05B.LAG](#)  
 Extractor 2: [DCC.13.15B.LAG](#)

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