

MALE INSERT FRONT VIEW

A technical drawing showing the front view of a male insert. It is a circular component with four small circular holes arranged in a square pattern. A central crosshair is present. Four numbered callouts point to different features: 1 points to the top hole, 2 points to the bottom hole, 3 points to the right hole, and 4 points to the right hole. The diagram is enclosed in a rectangular frame.

1-BLACK
2-WHITE
3-RED
4-GREEN/YELLOW

Ø1.00
[25.4]
TYP.

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
 - VOLTAGE: 483V PER IEC60664 (D)
 - 600V PER UL2237
 - CURRENT: 15A
4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8"-16UN
6. UL LISTED FILE: E258922
7. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

[illegible]

WIRING DIAGRAM

FINISHED LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

FEMALE INSERT FRONT VIEW

The diagram shows a circular front view of a female insert. It features four circular holes arranged in a square pattern in the center. Surrounding these holes are four rectangular tabs, also arranged in a square pattern. The entire assembly is enclosed within a circular border. Four leader lines with numerical labels point to specific features: 1 points to the top-right tab, 2 points to the bottom-right hole, 3 points to the bottom-left hole, and 4 points to the top-left tab. The diagram is divided into four quadrants by a vertical and a horizontal centerline.

1-BLACK
2-WHITE
3-RED
4-GREEN/YELLOW

Figure 1 is a top view of the circular device. It shows a central square area with four circular openings. Surrounding this is a ring with four rectangular protrusions. The outermost ring has a textured surface. Labels 3, 4, and 7 point to different parts of the device.

A

CABLE LENGTH TOLERANCES
 <.3M [1FT]: +19mm-0 [+.75in-0]
 .3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
 .9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
 1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
 3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
 7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
 14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
 OVER 30M [100FT] +2% OF FINISHED LENGTH