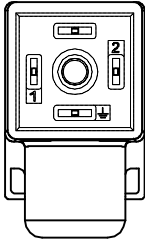


VALVE END VIEW



1 = BLACK #1
2 = BLACK #2
GND = GREEN/YELLOW

WIRING DIAGRAM

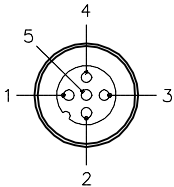
VALVE

P1

1 > 2
2 > 3
GND > 5

N/C → 1
N/C → 4

MALE END VIEW

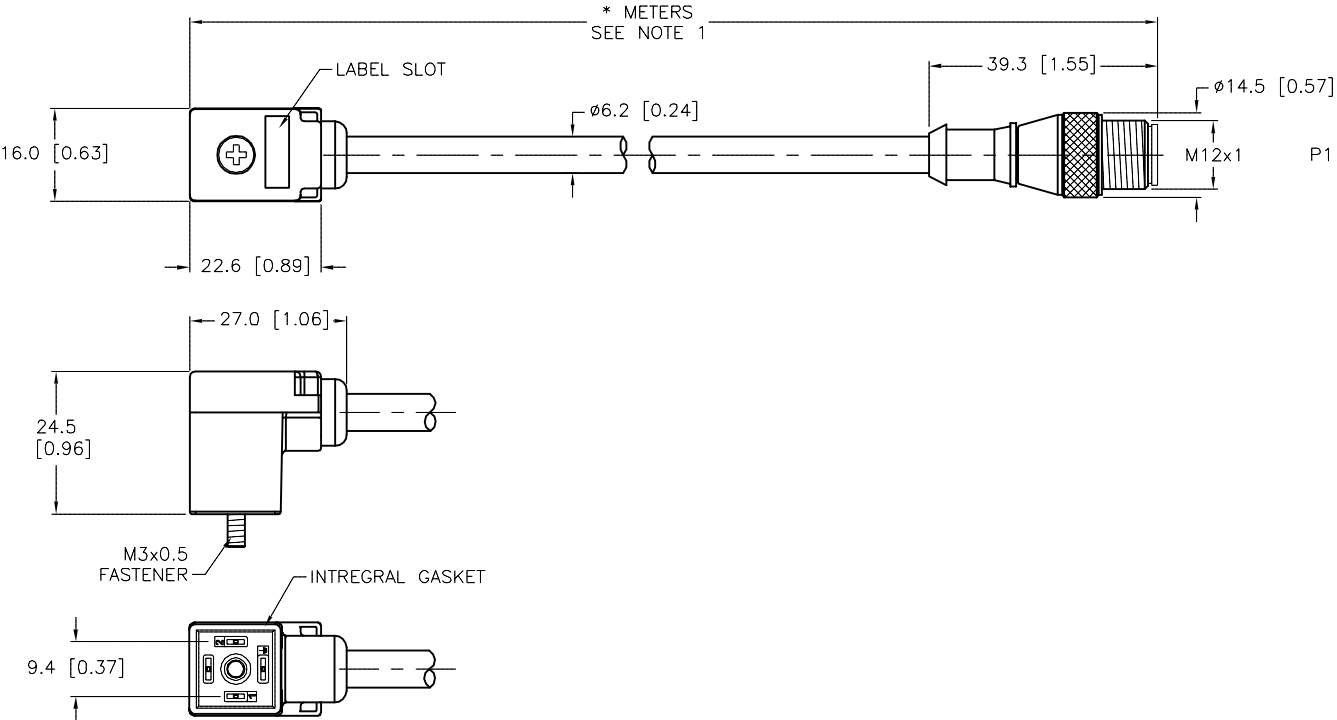


1 = N/C
2 = BLACK #1
3 = BLACK #2
4 = N/C
5 = GREEN/YELLOW



SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON OR TPU
MOLDED HEAD MATERIAL/COLOR	TPU/TRANSLUCENT BLACK (VALVE), BLACK (P1)
CONTACT MATERIAL/PLATING	BRASS/SILVER (VALVE), BRASS/GOLD (P1)
COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL
RATED CURRENT [A]	4.0 A
RATED VOLTAGE [V]	0-220 VAC/VDC
OUTER CABLE JACKET MATERIAL/COLOR	PVC/GRAY
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	3x18 AWG
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP67



CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

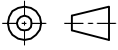
SOURCE DRAWING - FOR REFERENCE ONLY

- NOTES:
- 1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.
 - 2. "/S771" DESIGNATES BLACK MOLDED PLUG BODIES.
 - 3. "/CS10463" DESIGNATES CUSTOM WIRING.

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION



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(763) 553-7300
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turck.com

MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

DRFT RDS
APVD A.A.

DATE 04/25/13
SCALE 1=1.3

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DESCRIPTION

TC9S 2-A653-*M-RS 5.3T/S771/CS10463

IDENTIFICATION NO.

REV
A

A DRAWING RELEASE

RDS 05/20/13

REV DESCRIPTION

BY DATE ECO NO.

DO NOT SCALE THIS DRAWING

FILE: 777031443

SHEET 1 OF 1