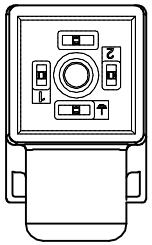
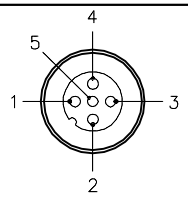
FEMALE END VIEW



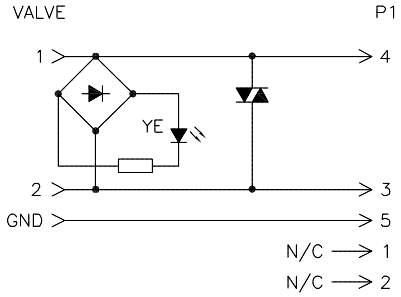
1 = BLACK #1
2 = BLACK#2
GND = GREEN/YELLOW

MALE END VIEW



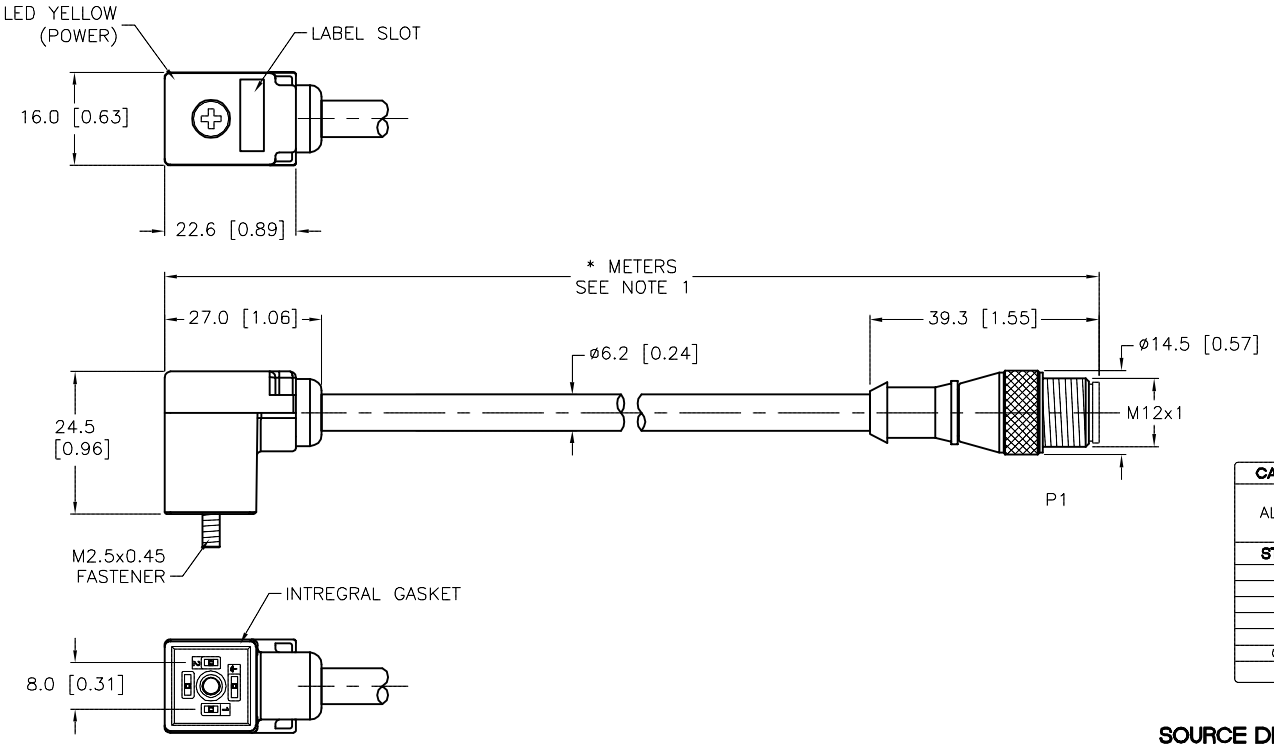
1 = N/C
2 = N/C
3 = BLACK #2
4 = BLACK #1
5 = GREEN/YELLOW

WIRING DIAGRAM



SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON OR TPU
CONTACT MATERIAL/PLATING	BRASS/SILVER (VALVE)
CONTACT MATERIAL/PLATING	BRASS/GOLD (P1)
MOLDED HEAD MATERIAL/COLOR	TPU/TRANSLUCENT BLACK (VALVE), YELLOW (P1)
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL (P1)
RATED CURRENT [A]	4.0 A
RATED VOLTAGE [V]	24 VDC
OUTER JACKET MATERIAL/COLOR	PVC/GREY
NUMER OF CONDUCTORS [AWG]	3x18 AWG
CONDUCTOR INSULATION MATERIAL	PVC
OPERATING TEMPERATURE	−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.

REV	DESCRIPTION	BY	DATE	ECO NO.
B	UPDATE SCREW CALLOUT	RDS	06/20/13	42612

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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turck.com

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: KMY | DATE: 04/25/13
APVD: A.A. | SCALE: 1=1.3

UNIT OF MEASUREMENT
MILLIMETER [INCH]
DO NOT SCALE THIS DRAWING

DESCRIPTION: TC8S 2−P653−*M−RS 5.3T

IDENTIFICATION NO.:

REV: B

FILE: 777031446

SHEET 1 OF 1

Approved 06/20/2013, work order #43383 by D.R.