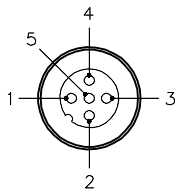
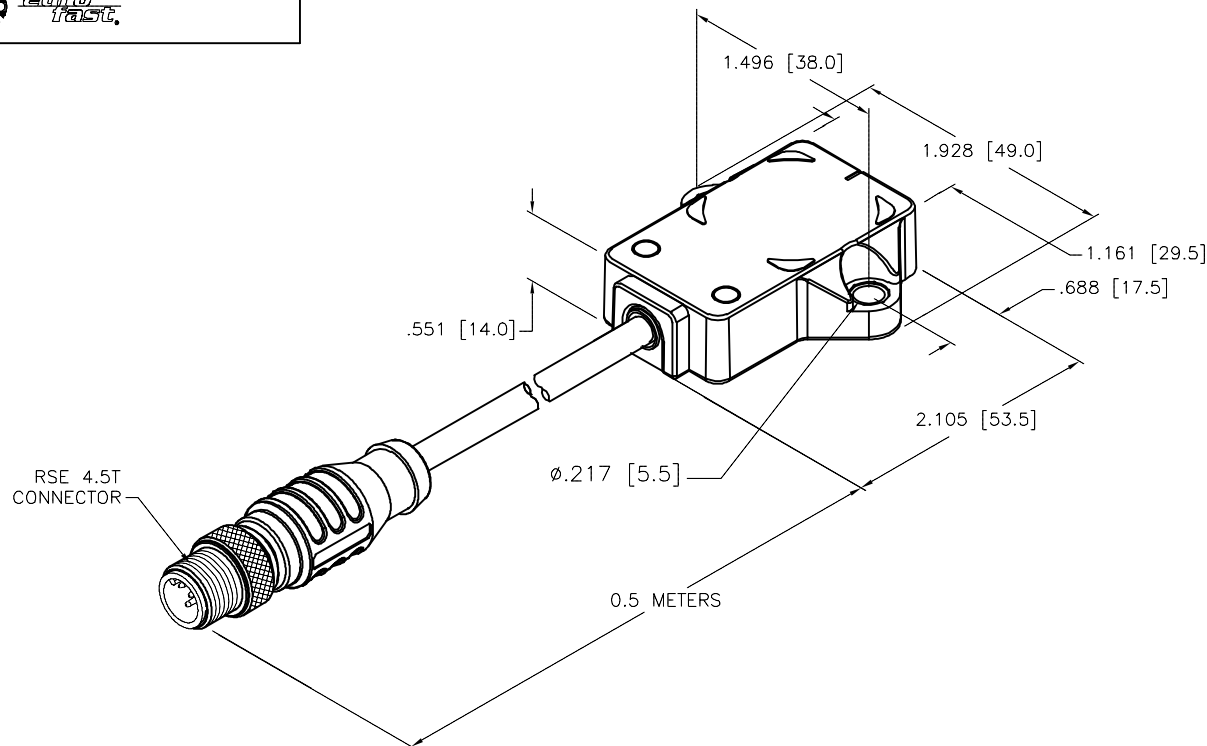


MALE END VIEW



- 1 = BROWN (V+)
- 2 = N/C
- 3 = BLUE (V-)
- 4 = BLACK (S+)
- 5 = WHITE (TEACH)



SPECIFICATIONS

RESOLUTION	12 BIT
MEASURING RANGE	0–360°
LINEARITY DEVIATION	≤ 0.3% of FULL SCALE
TEMPERATURE DRIFT	≤ ±0.01%/K
OPERATING TEMPERATURE	–40°C to +70°C (–40°F to +158°F)
RESIDUAL RIPPLE	≤ 10%
NO LOAD CURRENT	≤ 50 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT CIRCUIT PROTECTION	INCORPORATED
WIRE–BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3–WIRE, ANALOG
VOLTAGE OUTPUT	0.5–4.5 V
LOAD RESISTANCE	≥ 4.7 kΩ
SAMPLE RATE	700 Hz
CURRENT CONSUMPTION	< 100 mA
HOUSING MATERIAL	PLASTIC
CABLE	Ø5.2, TPE
VIBRATION RESISTANCE	55 Hz, (1mm) IN ALL 3 PLANES
SHOCK RESISTANCE	30 g, (11 ms)
DEGREE OF PROTECTION	IP67
OPERATING VOLTAGE INDICATION	LED: GREEN
MEASURING RANGE DISPLAY	MULTI–FUNCTION LED: GREEN

SOURCE DRAWING – FOR REFERENCE ONLY

NOTES:

1. "/S97" DESIGNATES LOW OPERATING TEMPERATURE OF –40°C (–40°F).
2. PLUG BODY MOLD COLOR: YELLOW.
3. INCLUDED IN SCOPE OF SUPPLY: P2–RI–QR14

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1–800–544–7769 (763) 553–7300 (763) 553–0708 fax www.turck.us	
1. 2. 3. 4.		MATERIAL		DRFT NF		DATE 12/14/17	
SEE SPECS		FINISH		APVD K.H.		SCALE 1=1.3	
				UNIT OF MEASUREMENT		DESCRIPTION	
				INCH [MILLIMETER]		RI360P2–QR14–ELU4X2–0.5–RSE4.5T/S97	
				DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.	
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						REV	
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						FILE: 159085801	
						SHEET 1 OF 1	

A	DRAWING RELEASE	NF	12/14/17	
REV	DESCRIPTION	BY	DATE	ECO. NO.