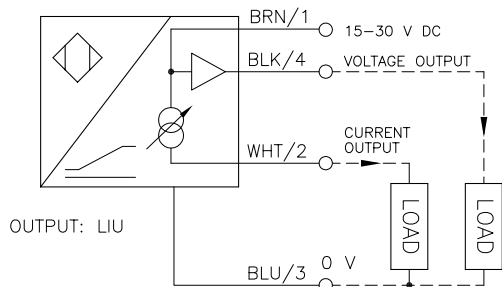
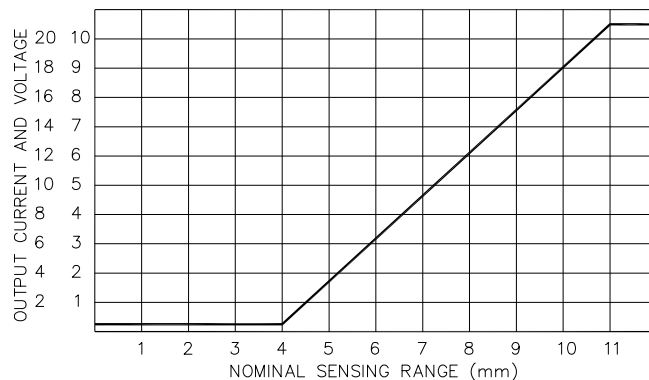


WIRING DIAGRAM

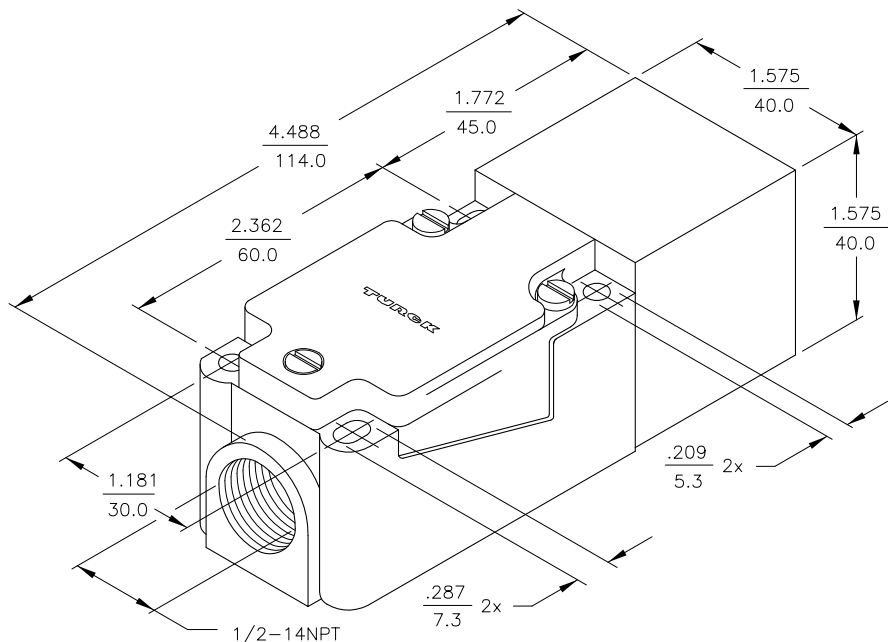


TYPICAL RESPONSE CURVE



SPECIFICATIONS

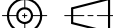
OPERATING VOLTAGE	15–30 VDC
RIPPLE	≤10%
NO-LOAD CURRENT	≤8.0 mA
TARGET (MILD STEEL)	45 mm x 45 mm x 1 mm
VOLTAGE OUTPUT	0–10 V/R _L ≥ 4.7 kΩ
CURRENT OUTPUT	0–20 mA/R _L ≤ 500Ω
LINEARITY TOLERANCE	±3% of FINAL VALUE
TIME DELAY BEFORE AVAILABILITY	≤80 ms
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE BREAK PROTECTION	INCORPORATED
TRANSIENT PROTECTION	2 kV, 1ms, 1 kΩ
OPERATING TEMPERATURE	–10°C to +70°C (+14°F to +158°F)
ENCLOSURE	MEETS NEMA 1, 2, 3, 4, 6, 12 AND 13.
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL THREE PLANES)
SLEW RATE	1.25 V/ms
SENSING RANGE (LINEAR PORTION)	4–11 mm = .157–.433"
REPEATABILITY	≤2% of FINAL VALUE
SHIELDED	YES



NOTES:

- SENSING HEAD TURNS TO ACCOMMODATE 9 DIFFERENT SENSING POSITIONS.

FIBERGLASS REINFORCED PBTP (POLYBUTYLENE TEREPHTHALATE)

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	MATERIAL	DRFT	SMW	DATE	4/27/87	DESCRIPTION Bi15-CP40-LIU
	CLASS REINFORCED PBTP (POLYBUTYLENE TEREPHTHALATE)		DSGN	SCALE	NONE	
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT			IDENTIFICATION NO. M1535700	REV C
		INCH [MILLIMETER]				
	CONTACT TURCK FOR MORE INFORMATION	DO NOT SCALE THIS DRAWING			FILE: M1535700	SHEET 1 OF 4

C	UPDATE TO CURRENT TITLEBLOCK	RDS	07/16/02	5504
REV	DESCRIPTION	BY	DATE	ECO NO.