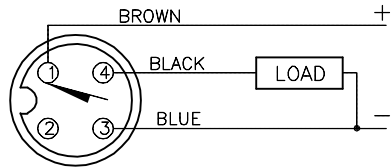
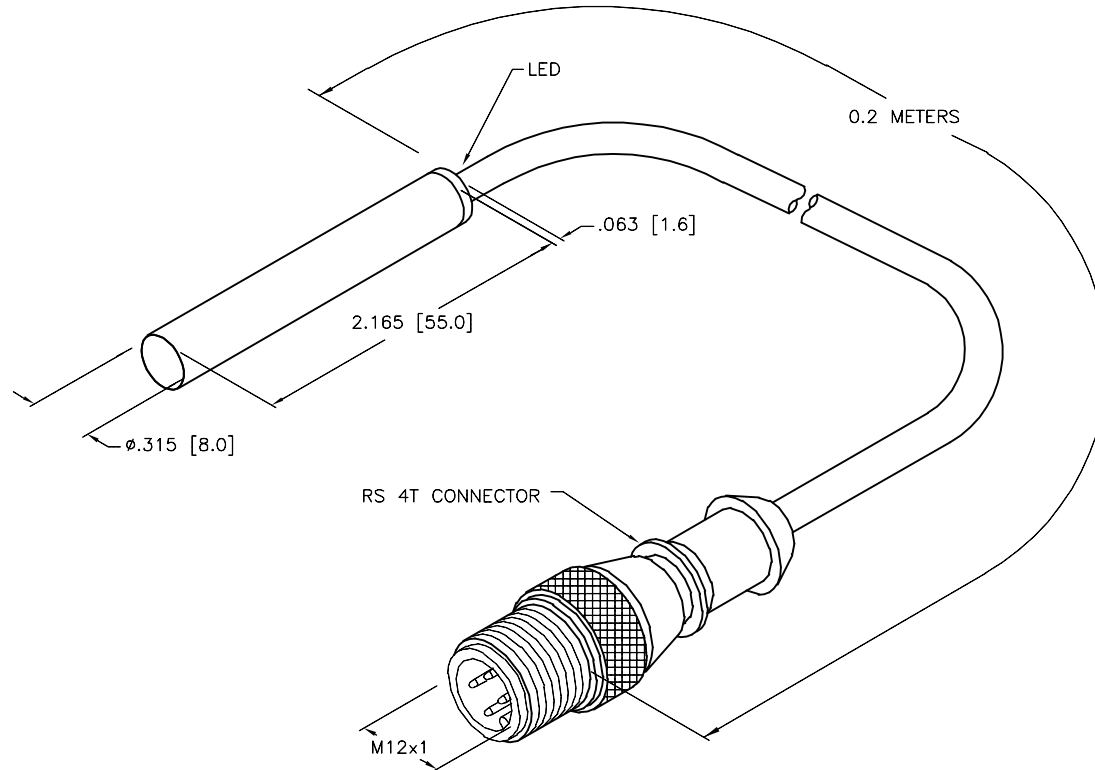


# WIRING DIAGRAM




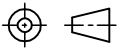
OUTPUT: AP6X  
SHORT-CIRCUIT AND OVERLOAD PROTECTED



# SPECIFICATIONS

RATED OPERATING DISTANCE	1.5 mm [0.059"]
HYSTERESIS	1-15%
MIN. REPEAT ACCURACY	≤ 5%
MAX. TEMPERATURE DRIFT	≤ ±10% C°
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT (DC)	≤ 150 mA
NO LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 10 µA
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 170 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
MAX. SWITCHING FREQUENCY	≤ 2 kHz
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V @ 150 mA
WIRE-BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
CABLE	TPU, 4mm OD
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW

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1. 2. 3. 4.				DRFT NF DATE 02/03/20 APVD A.F. SCALE 1=1.0		DESCRIPTION BI1.5-H08-AP6X-0.2-PSG3M	
MATERIAL BRASS BARREL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		IDENTIFICATION NO. 1604392	
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A	DRAWING RELEASE	NF	02/03/20	FILE: 1604392			
REV	DESCRIPTION	BY	DATE	ECO NO.	SHEET 1 OF 1		