

WIRING DIAGRAM

OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M18

LED

7.0 METERS CABLE

.157 [4.0]

1.772 [45.0]

1.969 [50.0]

M18x1

SPECIFICATIONS	
RATED OPERATING DISTANCE	8mm [.315]
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
HOUSING MATERIAL	BRASS, CHROME PLATED
ACTIVE FACE	PLASTIC, LCP-GF30
END CAP	PLASTIC, EPTR
CABLE	ø5.2, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW

RELATED DOCUMENTS

1.

2.

3.

4.

MATERIAL

SEE SPECS

FINISH

SEE SPECS

3RD ANGLE PROJECTION

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

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DRFT RDS

APVD

DATE 02/21/11

SCALE 1=1.0

UNIT OF MEASUREMENT

INCH [ MILLIMETER ]

DO NOT SCALE THIS DRAWING

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DESCRIPTION

BI 8-M18-AP6X 7M

IDENTIFICATION NO.

T4615031

REV

B

B

DRAWING PROCESSED AS PART OF ECO 40518

KMY

11/30/12

40518

REV

DESCRIPTION

BY

DATE

ECO NO.

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FILE: T4615031

SHEET 1 OF 1