

WIRING DIAGRAM

OUTPUT: AP4X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M18

M18x1

1.083
27.5

.945
24.0

.157
4.0

SPECIFICATIONS	
RATED OPERATING DISTANCE	5mm [.197] FLUSH MOUNTED 5mm [.197] NON-FLUSH MOUNTED
HYSTERESIS	2-20%
TEMPERATURE DRIFT	≤ ± 20%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-65 VDC
MAX. RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 0.1 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	BRASS/CHROME-PLATED
ACTIVE FACE MATERIAL	PLASTIC, PBT-GF30-V0
CABLE	Ø5.2, LiYY, 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

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT RDS

DATE 06/07/10

APVD

SCALE 1=1.0

UNIT OF MEASUREMENT

INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

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TURCK

DESCRIPTION

BC5-M18-AP4X-2M-RS4T

IDENTIFICATION NO.

2504096

REV

C

C UPDATE ID NUMBER PER HARMONIZATION PROJECT

CBM 11/06/17

REV DESCRIPTION

BY DATE ECO NO.

DO NOT SCALE THIS DRAWING

FILE: 2504096

SHEET 1 OF 1