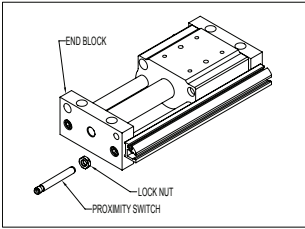




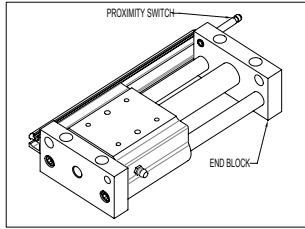
Solid State Inductive Proximity Switch for Ultran Rodless Cylinders

PCQ, PKQ, PCMQ, PKMQ, PCQC, PCQCX, PKQC,
PKQCX, PCMQC, PCMQCX, PKMQC, PKMQCX

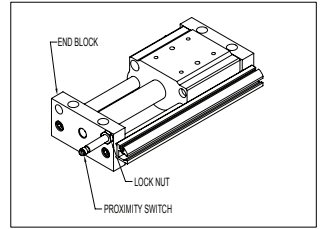
SWITCH MOUNTING INSTRUCTIONS



Thread proximity sensor into existing 5/16-24 threaded hole in end block.



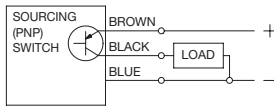
Thread sensor in until sensor face is flush with the inside face of the end block.



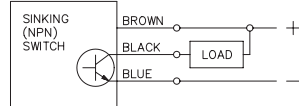
Secure sensor with jam nut. Tighten to 45 in-lbs (5 Nm).

QUICK CONNECT PIN AND WIRE ASSIGNMENTS

PCQ



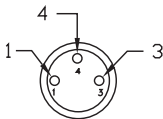
PKQ



Pin and Wire Assignments for Quick Connect

Switch "Q" Option **Male** Connector

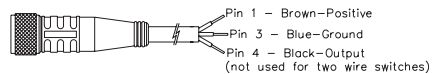
Face View of M8 **Male** Connector



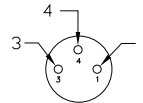
1. POSITIVE / HOT
3. NEGATIVE / NEUTRAL
4. OUTPUT
- NOT CONNECTED FOR 2 WIRE SWITCH MODELS

C4 and C5 Cable **Female** Connector

Side View of M8 **Female** Connector



Face View of M8 **Female** Connector





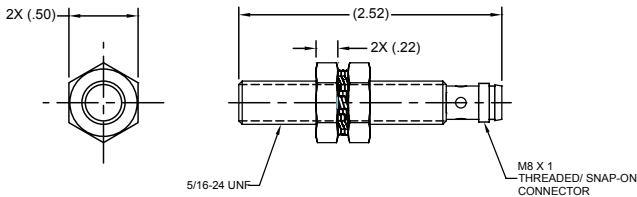
Solid State Inductive Proximity Switch for Ultram Rodless Cylinders

PCQ, PKQ, PCMQ, PKMQ, PCQC, PCQCX, PKQC,
PKQCX, PCMQC, PCMQCX, PKMQC, PKMQCX

ELECTRICAL SPECIFICATIONS

Rated Operating Distance	2mm = .079" (nominal)
Operating Temperature	-13° F to +158° F (-25° C to +70° C)
Rated Operational Voltage	10-30 VDC
DC Rated Operational Current	≤ 150 mA
No-load Current	≤ 15 mA
Short-circuit Protection	Incorporated
Maximum Voltage Drop	≤ 1.8 V
Reverse Polarity Protection	Incorporated
Output Function	3-wire, Normally Open, PNP
Maximum Switching Frequency	≤ 3.0 kHz
Housing Material	Metal, A4 1.4404 (AISI 316L)
Active Face Material	Plastic, PA12-GF20
Degree of Protection	IP67
Switching Status Indication	LED, Yellow
Approvals	CE, UL, RoHS

SWITCH DIMENSIONS



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Form PSS-212



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