

TEST & MEASUREMENT

INTERCONNECT

ENCLOSURES

POWER

SENSORS

OPTOELECTRONICS

PASSIVE & ACTIVE

ASSEMBLY

INDEX

### XUB Single Mode Function Retroreflective, Polarized Retroreflective and Diffuse Photoelectric Sensors



XUB1ANANL2



XUB1BNANL2



**Specifications:**

- ▶ Sensor Type: Retroreflective
- ▶ M18 mm Barrel Metal or Plastic Housing (Model Dependent)
- ▶ Enclosure Rating: NEMA 4X (Indoor Only) IP67
- ▶ Sensing Range: 4 M (13.1 Ft.)

- ▶ 3-Wire, 12-24 VDC with Reversing Polarity Protection
- ▶ Switching Capacity: 100 mA with Overload and Short-Circuit Protection
- ▶ Standards: UL, CE, RoHS

Stock No.	Mr.'s Type	Sensor Type	Circuit Type	Output Mode	Operating Mode	Housing Material	Sensing Range	Connection Type	EACH
70008128	XUB1ANANL2	Retroreflective	NPN	NO	Dark Operate	Plastic	4.0 m (13.1 Ft.)	2 m Cable	81.09
70008129	XUB1ANANM12	Retroreflective	NPN	NO	Dark Operate	Plastic	4.0 m (13.1 Ft.)	4-Pin M12	92.52
70008130	XUB1ANBNL2	Retroreflective	NPN	NC	Light Operate	Plastic	4.0 m (13.1 Ft.)	2 m Cable	81.09
70008131	XUB1ANBNM12	Retroreflective	NPN	NC	Light Operate	Plastic	4.0 m (13.1 Ft.)	4-Pin M12	92.52
70008132	XUB1APANL2	Retroreflective	PNP	NO	Dark Operate	Plastic	4.0 m (13.1 Ft.)	2 m Cable	81.09
70007423	XUB1APANM12	Retroreflective	PNP	NO	Dark Operate	Plastic	4.0 m (13.1 Ft.)	4-Pin M12	74.80
70008133	XUB1APBNL2	Retroreflective	PNP	NC	Light Operate	Plastic	4.0 m (13.1 Ft.)	2 m Cable	81.09
70008134	XUB1APBNM12	Retroreflective	PNP	NC	Light Operate	Plastic	4.0 m (13.1 Ft.)	4-Pin M12	92.52
70008135	XUB1BNANL2	Retroreflective	NPN	NO	Dark Operate	Metal	4.0 m (13.1 Ft.)	2 m Cable	90.43
70008136	XUB1BNANM12	Retroreflective	NPN	NO	Dark Operate	Metal	4.0 m (13.1 Ft.)	4-Pin M12	102.91
70008137	XUB1BNBNL2	Retroreflective	NPN	NC	Light Operate	Metal	4.0 m (13.1 Ft.)	2 m Cable	87.00
70008138	XUB1BNBNM12	Retroreflective	NPN	NC	Light Operate	Metal	4.0 m (13.1 Ft.)	4-Pin M12	102.91
70008139	XUB1BPNL2	Retroreflective	PNP	NO	Dark Operate	Metal	4.0 m (13.1 Ft.)	2 m Cable	90.43
70008140	XUB1BPNM12	Retroreflective	PNP	NO	Dark Operate	Metal	4.0 m (13.1 Ft.)	4-Pin M12	102.91
70008141	XUB1BPNL2	Retroreflective	PNP	NC	Light Operate	Metal	4.0 m (13.1 Ft.)	2 m Cable	90.43
70008142	XUB1BPNM12	Retroreflective	PNP	NC	Light Operate	Metal	4.0 m (13.1 Ft.)	4-Pin M12	102.91
70238046	XUB9ANANL2	Polarized Retroreflective	NPN	NO	Dark Operate	Plastic	2.0 m (6.56 Ft.)	2 m Cable	93.00
70238047	XUB9ANANM12	Polarized Retroreflective	NPN	NO	Dark Operate	Plastic	2.0 m (6.56 Ft.)	4-Pin M12	105.00
70238048	XUB9ANBNL2	Polarized Retroreflective	NPN	NC	Light Operate	Plastic	2.0 m (6.56 Ft.)	2 m Cable	93.00
70238049	XUB9ANBNM12	Polarized Retroreflective	NPN	NC	Light Operate	Plastic	2.0 m (6.56 Ft.)	4-Pin M12	105.00
70238060	XUB9APANL2	Polarized Retroreflective	PNP	NO	Dark Operate	Plastic	2.0 m (6.56 Ft.)	2 m Cable	93.00
70238061	XUB9APANM12	Polarized Retroreflective	PNP	NO	Dark Operate	Plastic	2.0 m (6.56 Ft.)	4-Pin M12	105.00
70238062	XUB9APBNL2	Polarized Retroreflective	PNP	NC	Light Operate	Plastic	2.0 m (6.56 Ft.)	2 m Cable	93.00
70238063	XUB9APBNM12	Polarized Retroreflective	PNP	NC	Light Operate	Plastic	2.0 m (6.56 Ft.)	4-Pin M12	105.00
70238064	XUB5ANANL2	Diffuse with Adjustable Sensitivity	NPN	NO	Dark Operate	Plastic	0.6 m (1.97 Ft.)	2 m Cable	93.00
70238065	XUB5ANBNL2	Diffuse with Adjustable Sensitivity	NPN	NC	Dark Operate	Plastic	0.6 m (1.97 Ft.)	4-Pin M12	93.00
70238066	XUB5ANBNM12	Diffuse with Adjustable Sensitivity	NPN	NC	Light Operate	Plastic	0.6 m (1.97 Ft.)	2 m Cable	105.00
70238067	XUB5APANL2	Diffuse with Adjustable Sensitivity	PNP	NO	Light Operate	Plastic	0.6 m (1.97 Ft.)	4-Pin M12	93.00
70238068	XUB5APBNL2	Diffuse with Adjustable Sensitivity	PNP	NC	Dark Operate	Plastic	0.6 m (1.97 Ft.)	2 m Cable	93.00
70238069	XUB5APBNM12	Diffuse with Adjustable Sensitivity	PNP	NC	Dark Operate	Plastic	0.6 m (1.97 Ft.)	4-Pin M12	105.00
70238072	XUB5BNANL2	Diffuse with Adjustable Sensitivity	NPN	NO	Light Operate	Metal	0.6 m (1.97 Ft.)	2 m Cable	117.00
70238073	XUB5BNANM12	Diffuse with Adjustable Sensitivity	NPN	NO	Light Operate	Metal	0.6 m (1.97 Ft.)	4-Pin M12	117.00

### XUM Miniature Rectangular Photoelectric Sensors



XUM2AKCNL2T



XUM2AKCNM8T



XUM2APCNL2R



XUM2APCNM8R



**Specifications:**

- ▶ 34 x 18 mm or 45 x 18 mm Sensors Fit in Small Mountings
- ▶ Enclosure Ratings: NEMA 4X (Indoor Only) IP67
- ▶ 3-Wire, 12-24 VDC
- ▶ Solid-State Output with LED State Indicator (Model Dependent)

- ▶ Switching Capacity: 100 mA with Overload and Circuit Protection
- ▶ Standards: UL, CE, RoHS
- ▶ Available Sensor Types: Thru-Beam, Diffuse with Adjustable Sensitivity and Polarized/Retroreflective

Stock No.	Mr.'s Type	Sensor Type	Sensing Range	Output Type	Contact Form	Connection Type	EACH
70008143	XUM2AKCNL2T	Thru-Beam	15 m (49.2 Ft.)	Transmitter	—	2 m Cable	104.98
70008144	XUM2AKCNM8T	Thru-Beam	15 m (49.2 Ft.)	Transmitter	—	4-Pin M8	104.98
70008145	XUM2ANCNL2R	Thru-Beam	15 m (49.2 Ft.)	NPN	NO/NC	2 m Cable	115.38
70008146	XUM2ANCNM8R	Thru-Beam	15 m (49.2 Ft.)	NPN	NO/NC	4-Pin M8	111.00
70008147	XUM2APCNL2R	Thru-Beam	15 m (49.2 Ft.)	PNP	NO/NC	2 m Cable	115.38
70008148	XUM2APCNM8R	Thru-Beam	15 m (49.2 Ft.)	PNP	NO/NC	4-Pin M8	115.38
70008149	XUM5ANCNL2	Diffuse	1 m (3.3 Ft.)	NPN	NO/NC	2 m Cable	124.74
70008150	XUM5ANCNM8	Diffuse	1 m (3.3 Ft.)	NPN	NO/NC	4-Pin M8	124.74
70008151	XUM5APCNL2	Diffuse	1 m (3.3 Ft.)	PNP	NO/NC	2 m Cable	124.74
70008152	XUM5APCNM8	Diffuse	1 m (3.3 Ft.)	PNP	NO/NC	4-Pin M8	124.74
70008153	XUM9ANCNL2	Polarized Retroreflective	5 m (16.4 Ft.)	NPN	NO/NC	2 m Cable	124.74
70008154	XUM9ANCNM8	Polarized Retroreflective	5 m (16.4 Ft.)	NPN	NO/NC	4-Pin M8	124.74
70008155	XUM9APCNL2	Polarized Retroreflective	5 m (16.4 Ft.)	PNP	NO/NC	2 m Cable	124.74
70008156	XUM9APCNM8	Polarized Retroreflective	5 m (16.4 Ft.)	PNP	NO/NC	4-Pin M8	124.74

### Accessories

Stock No.	Mr.'s Type	Description	EACH
70008157	RF20	Round Reflector, Acrylic Lens, 2 In., Silver	3.74
70007745	RF30	Round Reflector, Acrylic Lens, 3 In., Silver	6.55
70006957	XUZC50	Corner Cube Reflector, 50 mm Square	7.37
70008158	XUZB11	Reflective Tape, Corner Cube, 22 mm (W) x 1 m (L)	30.90

