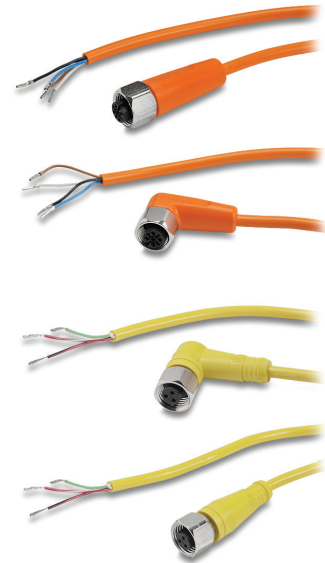


IP69K-rated M12 Sensor Cables

Cables with quick-disconnect plugs

- Industry standard axial and right-angle M12 or 1/2" micro connectors with open leads
- 5m and 10m cable lengths
- PVC (polyvinyl chloride) jacket for food and beverage industrial applications
- IP69K rated for food and beverage industrial applications
- 316L stainless steel coupling nut
- EPDM o-ring

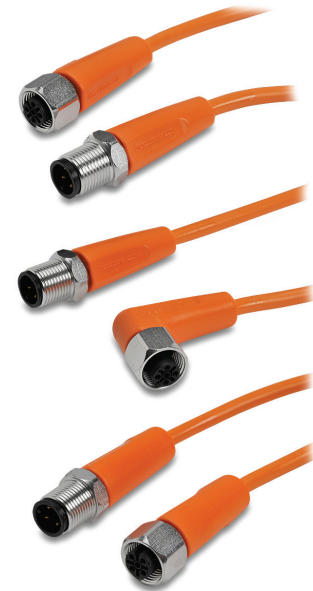


| M12 Quick-Disconnect Cables (Euro, Micro DC-Single Key) | | | | | | | |
|---|---------|---------------|-------|--------------------|-----|------------|------------|
| Part Number | Price | Length | Poles | Connector | LED | Jacket | Dimensions |
| M12 Quick-Disconnects | | | | | | | |
| EVT221 | \$12.50 | 5m (16.4 ft) | 4 | Axial female | No | Orange PVC | Figure 4 |
| EVT222 | \$12.50 | 5m (16.4 ft) | 4 | Right-angle female | No | Orange PVC | Figure 1 |
| EVT223 | \$17.50 | 10m (32.8 ft) | 4 | Axial female | No | Orange PVC | Figure 4 |
| EVT224 | \$17.50 | 10m (32.8 ft) | 4 | Right-angle female | No | Orange PVC | Figure 1 |
| Micro AC Volt 1/2 Inch - 20UNF Cables | | | | | | | |
| 1/2" Quick-Disconnects | | | | | | | |
| E18446 | \$21.50 | 5m (16.4 ft) | 3 | Axial female | No | Yellow PVC | Figure 6 |
| E18447 | \$26.50 | 5m (16.4 ft) | 3 | Right-angle female | No | Yellow PVC | Figure 5 |
| E18448 | \$21.50 | 10m (32.8 ft) | 3 | Axial female | No | Yellow PVC | Figure 6 |
| E18449 | \$26.50 | 10m (32.8 ft) | 3 | Right-angle female | No | Yellow PVC | Figure 5 |

Patch cables with quick-disconnect plugs on each end

- Available patch cables include:
- Industry standard M12 screw-lock connectors
 - One male and one female connector
 - Axial and right-angle connector models
 - 0.3m, 0.6m, 1m, 2m and 5m cable lengths
 - PVC (polyvinyl chloride) jacket for food and beverage industrial applications
 - IP69K rating, suitable for food and beverage industrial applications
 - 316L stainless steel coupling nut
 - EPDM o-ring

| M12 Patch Cables with Quick-Disconnect on Each End (Euro, Micro DC-Single Key) | | | | | | |
|--|---------|----------------|-------|--|------------|------------|
| Part Number | Price | Length | Poles | Connectors | Jacket | Dimensions |
| M12 Quick-Disconnect Patch Cables | | | | | | |
| EVT225 | \$15.50 | 0.3m (0.98 ft) | 4 | Axial female plug to axial male plug | Orange PVC | Figure 3 |
| EVT226 | \$16.50 | 0.3m (0.98 ft) | 4 | Right angle female plug to axial male plug | Orange PVC | Figure 2 |
| EVT227 | \$17.00 | 0.6m (1.97 ft) | 4 | Axial female plug to axial male plug | Orange PVC | Figure 3 |
| EVT228 | \$18.50 | 0.6m (1.97 ft) | 4 | Right angle female plug to axial male plug | Orange PVC | Figure 2 |
| EVT229 | \$21.00 | 1m (3.3 ft) | 4 | Axial female plug to axial male plug | Orange PVC | Figure 3 |
| EVT230 | \$15.50 | 1m (3.3 ft) | 4 | Right angle female plug to axial male plug | Orange PVC | Figure 2 |
| EVT231 | \$16.50 | 2m (6.6 ft) | 4 | Axial female plug to axial male plug | Orange PVC | Figure 3 |
| EVT232 | \$17.00 | 2m (6.6 ft) | 4 | Right angle female plug to axial male plug | Orange PVC | Figure 2 |
| EVT233 | \$18.50 | 5m (16.4 ft) | 4 | Axial female plug to axial male plug | Orange PVC | Figure 3 |
| EVT234 | \$21.00 | 5m (16.4 ft) | 4 | Right angle female plug to axial male plug | Orange PVC | Figure 2 |

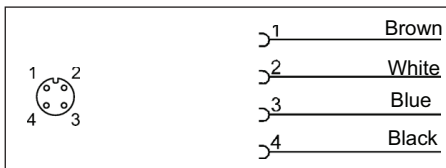


IP69K-rated M12 Sensor Cables

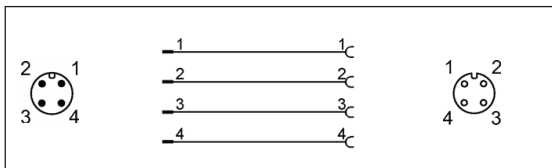
| Cable Specifications | | |
|--------------------------------|---|------------------------------|
| Specification | M12 | 1/2" |
| Length | 0.3m (0.98 ft), 0.6m (1.97 ft), 1m (3.3 ft), 2m (6.6 ft), 5m (16.4 ft), 10m (32.8 ft) | 5m (16.4 ft), 10m (32.8 ft) |
| Nominal Voltage | 250 VAC/300 VDC | 300 VAC/VDC |
| Max Current | 4A | 4A |
| Protection Degree | IEC IP67 / IP68 / IP69K | IEC IP67 / IP68 / IP69K |
| Material Nut | 316L Stainless steel | 316L Stainless steel |
| Jacket Material | PolyVinyl Chloride (PVC) | PolyVinyl Chloride (PVC) |
| Housing Material | PolyVinyl Chloride (PVC) | PolyVinyl Chloride (PVC) |
| Contacts Material | Gold plated | Gold plated |
| Tightening Torque | 0.6 to 1.5 Nm | |
| Conductors Cross Section (AWG) | 22 AWG | 22 AWG |
| Ø Outer Cable | 4.9 mm | 4.5 mm |
| Temperature Range | -25° to 100°C (-13° to 212°F) | -10° to 100°C (14° to 212°F) |
| Environmental | Halogen free, Silicone free | Halogen free, Silicone free |
| Bending Radius | min. 10 x cable diameter | |
| Agency Approvals | UL E191684 | UL E177636 |

Wiring - M12 DC

EVT221, EVT222, EVT223, EVT224

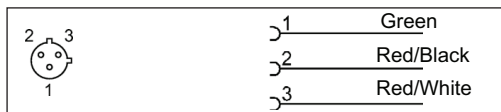


EVT225, EVT226, EVT227, EVT228, EVT229, EVT230, EVT231, EVT232, EVT233, EVT234



Wiring - 1/2" Micro AC

E18446, E18447, E18448, E18449



| UL Reference | |
|---------------|------------------------------|
| Part Number | UL Catalog Number |
| EVT221 | AD0GH040VAS0005E04 |
| EVT222 | AD0AH040VAS0005E04 |
| EVT223 | AD0GH040VAS0010E04 |
| EVT224 | AD0AH040VAS0010E04 |
| EVT225 | VDOGH040VAS00.3E04STGH040VAS |
| EVT226 | VDOAH040VAS00.3E04STGH040VAS |
| EVT227 | VDOGH040VAS00.6E04STGH040VAS |
| EVT228 | VDOAH040VAS00.6E04STGH040VAS |
| EVT229 | VDOGH040VAS0001E04STGH040VAS |
| EVT230 | VDOAH040VAS0001E04STGH040VAS |
| EVT231 | VDOGH040VAS0002E04STGH040VAS |
| EVT232 | VDOAH040VAS0002E04STGH040VAS |
| EVT233 | VDOGH040VAS0005E04STGH040VAS |
| EVT234 | VDOAH040VAS0005E04STGH040VAS |

IP69K-rated M12 Sensor Cables

Dimensions

mm [inches]

Figure 1

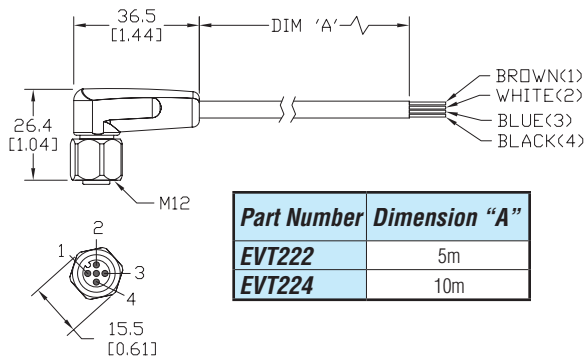


Figure 2

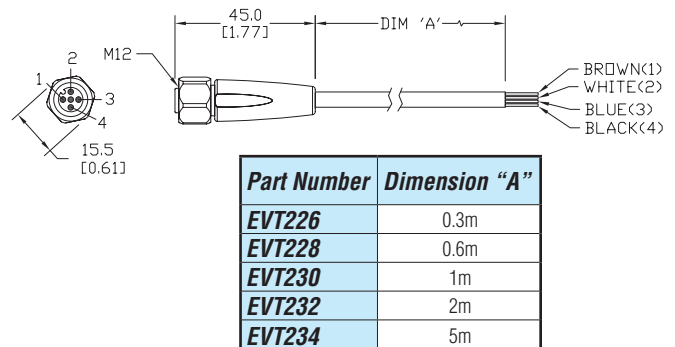


Figure 3

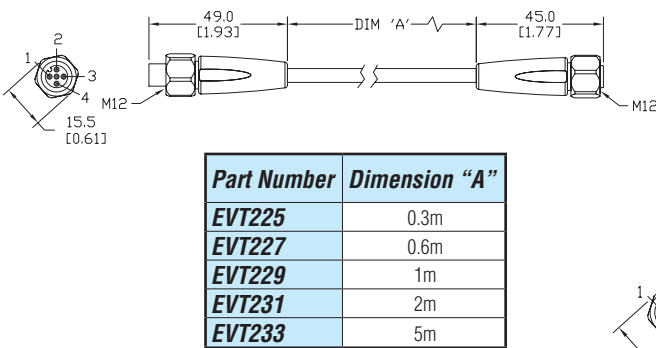


Figure 4

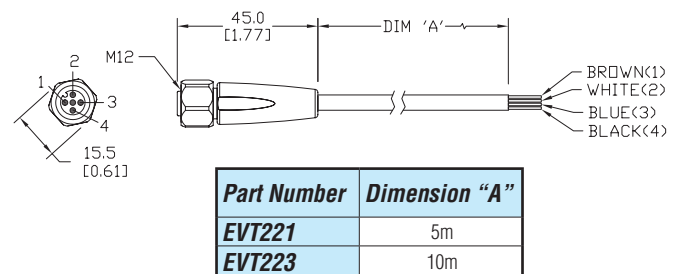


Figure 5

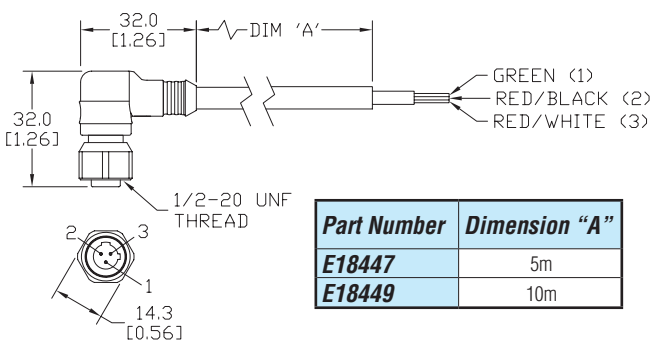
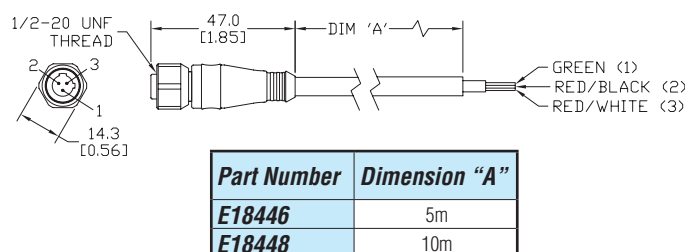


Figure 6



Accessories: Adapter, Mounting Brackets

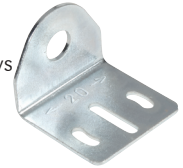
ST08A axial bracket

Angular mounting bracket for M8 (8 mm) sensors. Has two mounting holes (use 5 mm screws) and allows the rotation of an optical axis for axial sensors. Hexagonal nuts not included.



ST08C right-angle bracket

Mounting M8 (8 mm) sensors. Has two mounting holes (use 5 mm screws) and allows the rotation of an optical axis for right-beam-angle adapter sensors. Hexagonal nuts not included.

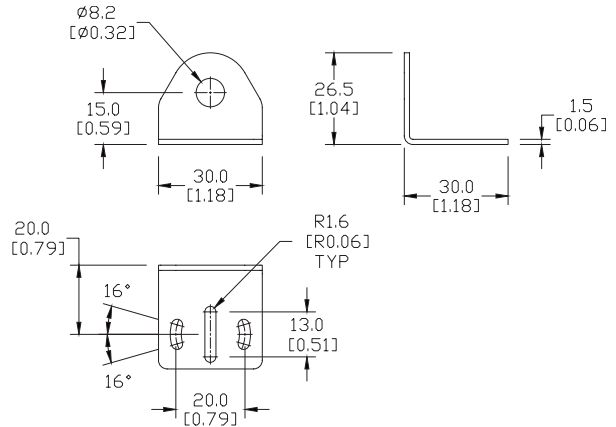
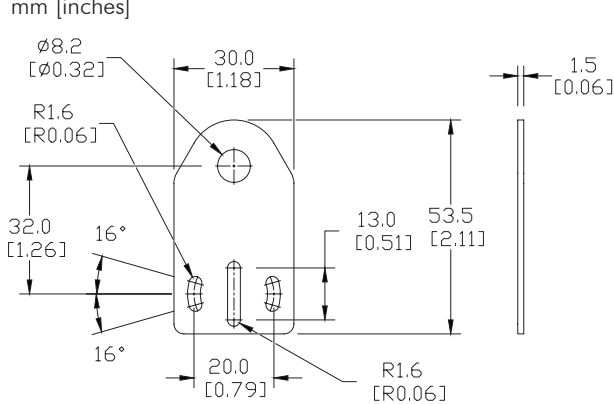


| Brackets | | |
|--------------|--------|---|
| Part Number | Price | Description |
| ST08A | \$1.00 | Zinc-plated steel mounting bracket for M8 sensors axial 1/pk. |

| Brackets | | |
|--------------|--------|---|
| Part Number | Price | Description |
| ST08C | \$1.00 | Zinc-plated steel mounting bracket for M8 sensors right angle. 1/pk |

All Dimensions

mm [inches]



ST12A axial bracket

For mounting M12 (12 mm) sensors. Has two mounting holes (use 3 mm screws) and allows the rotation of an optical axis for right-beam angle adapter sensors. Hexagonal nuts not included.



ST12C right-angle bracket

Angular mounting bracket for use with M12 (12 mm) sensors. Has two mounting holes (use 3 mm screws) and allows the rotation of an optical axis for axial sensors. Hexagonal nuts not included.

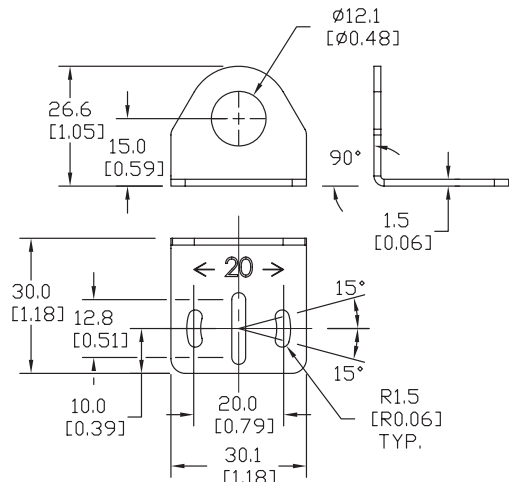
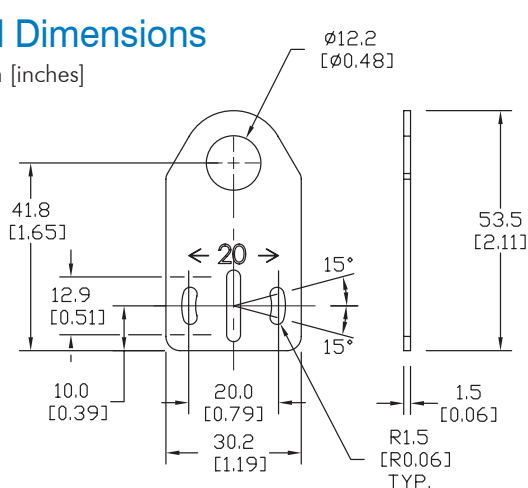


| Brackets | | |
|----------------|--------|---|
| Part Number | Price | Description |
| ST12A | \$2.00 | Zinc-plated iron axial bracket for 12 mm sensors, 1/pk |
| ST12A7W | \$6.00 | 316 L stainless steel axial bracket for 12 mm sensors, 1/pk |

| Brackets | | |
|----------------|--------|---|
| Part Number | Price | Description |
| ST12C | \$2.00 | Zinc-plated iron right angle bracket for 12 mm sensors, 1/pk |
| ST12C7W | \$6.00 | 316 L stainless steel right angle bracket for 12 mm sensors, 1/pk |

All Dimensions

mm [inches]



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Accessories: Mounting Brackets

ST18A axial bracket

Mounting bracket for M18 (18 mm) sensors. Has two mounting holes (use 4 mm screws) and allows the rotation of an optical axis for right-beam-angle-adaptor sensors. Hexagonal nuts not included.



ST18C right-angle bracket

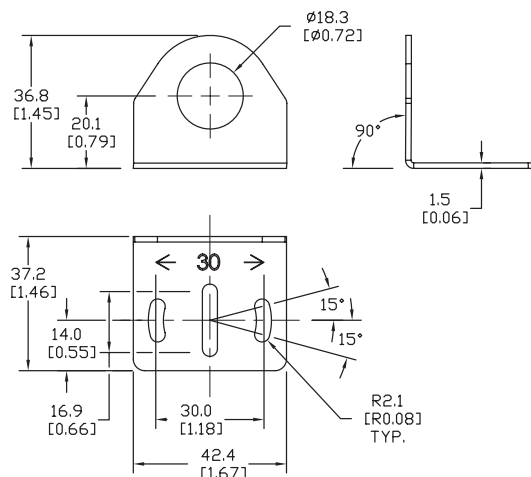
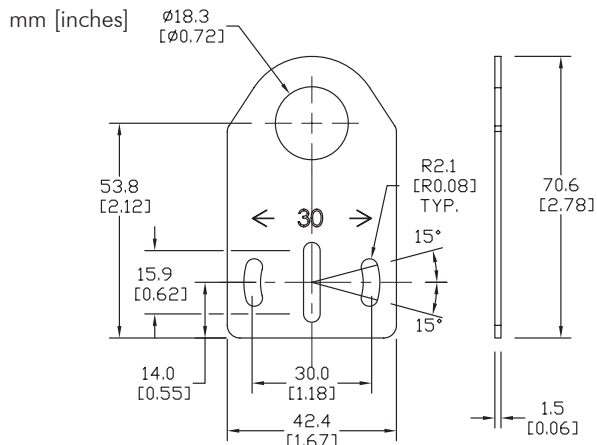
Angular mounting bracket for M18 (18 mm) sensors. Has two mounting holes (use 4 mm screws) and allows the rotation of an optical axis for axial sensors. Hexagonal nuts not included.



| Brackets | | |
|-------------|--------|---|
| Part Number | Price | Description |
| ST18A | \$1.25 | Zinc plated iron axial bracket for 18 mm sensors, 1/pk |
| ST18A7W | \$6.00 | 316 L stainless steel axial bracket for 18 mm sensors, 1/pk |

| Brackets | | |
|-------------|--------|---|
| Part Number | Price | Description |
| ST18C | \$1.25 | Zinc plated iron right angle bracket for 18 mm sensors, 1/pk |
| ST18C7W | \$6.00 | 316 L stainless steel right angle bracket for 18 mm sensors, 1/pk |

All Dimensions



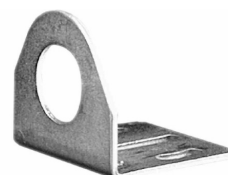
ST30A axial bracket

Mounting M30 (30 mm) sensors. Has two mounting holes (use 5 mm screws) and allows the rotation of an optical axis for right-beam-angle-adaptor sensors. Hexagonal nuts not included.



ST30C right-angle bracket

Angular mounting bracket for M30 (30 mm) sensors. Has two mounting holes (use 5 mm screws) and allows the rotation of an optical axis for axial sensors. Hexagonal nuts not included.



| Brackets | | |
|-------------|--------|--|
| Part Number | Price | Description |
| ST30A | \$2.25 | Zinc plated iron axial bracket for 30 mm sensors, 1/pk |

| Brackets | | |
|-------------|--------|--|
| Part Number | Price | Description |
| ST30C | \$2.25 | Zinc plated iron right angle bracket for 30 mm sensors, 1/pk |

All Dimensions

