

# 91073500A

## DATA BRIEF

### Photo-Eye Kit for Truck Scale Applications

Feature	Description
Physical Dimensions (W x D x H)	2.0" x 1.44" x 1.54" (5.8cm x 3.7cm x 3.9")
Beam Technology	Visible red modulated 650nm LED, 30 ft range, day/nighttime use
Operating Temperature	-20°C to 70°C (-4°F to 158°F) for base configuration w/o printer option -30°C to 40°C (-22°F to 104°F) with optional heater 10 to 95% humidity, non-condensing
Power	24-250VAC, 10mA - 750mA output rating
Environmental Protection	NEMA 4X & 13 rated, corrosion and shock resistant VALOX® housing
Cabling	12' PVC jacketed 2 conductor cable provided for wiring to junction box terminal block. Wiring to other devices via 18AWG outdoor rated cable installed in conduit
Contact Rating	Normally Open and Normally Closed Contacts, F). Inrush capability 4 amps for 1 sec.
Response Time	8 milliseconds ON, 8 milliseconds OFF
Included Hardware	Includes mounting hardware, brackets, clamps, rubber pad
Mounting	Mounting to pole or rail via included L bracket
Compatibility	Suitable for wiring to output modules provided with METTLER TOLEDO Unattended Vehicle Terminals, Truck Scale I/O Assemblies

**Detects  
Incorrect  
Truck  
Positioning**



Features	Benefits
Top LED Indicates Beam	<ul style="list-style-type: none"><li>Facilitates installation and troubleshooting</li></ul>
Strong, Red LED Beam	<ul style="list-style-type: none"><li>Reduces the potential for false signals from highly reflective objects ("proxing") and simplifies alignment.</li></ul>
Mounting Bracket for Photo-eye and retractor	<ul style="list-style-type: none"><li>Slotted design allows for maximum flexibility in adjusting photo-eye position</li></ul>
Rugged Design	<ul style="list-style-type: none"><li>Suitable for harsh environments typically found in vehicle scale applications</li></ul>
Flexible Use	<ul style="list-style-type: none"><li>Can be mounted either in horizontal or diagonal arrangement, allowing for trucks with different profiles to effectively be detected</li><li>2 photo-eye kits required for detection at both leading and trailing edge of truck scale</li></ul>

**Other Options:** 91093300A long rang photoeye kit with 200' distance rating

Contact your local authorized METTLER TOLEDO distributor or sales office for further information.