

SENSORS

SM SERIES™
WITH TARGETLOCK™

The Easiest Photoelectric Sensor
to Setup and Use



Cutler-Hammer

EAT•N

Cutler-Hammer SM Series™ Photoelectric Sensors

With TargetLock™, You're a Sensor Expert.

SEALED GAIN ADJUSTMENT
ACCEPTS STANDARD
SCREWDRIVER SIZES.

HIGHLY VISIBLE
POWER, OUTPUT AND
TARGETLOCK™ LEDs
CLEARLY INDICATE
SENSOR STATUS.

Minimize installation costs. You know the dilemma: spend the extra time to make sure your sensors are perfectly aligned and your installation costs go up. Cut corners and you'll pay for it later in higher maintenance costs. You no longer have this trade off with the SM Series with TargetLock™. Even if you've never touched a sensor before, TargetLock™ helps you work with the speed and accuracy of an expert.

TargetLock™ takes the guesswork out of sensor alignment. The microprocessor-controlled TargetLock™ system helps you quickly set up the sensor for optimum performance. The TargetLock™ LED on top of the sensor changes from off, to short flash, to long flash, to solid-on as you approach optimum thru-beam or reflex alignment. It acts in a similar fashion with diffuse sensors to help you position the target at the optimum range for its size and reflectivity.

SMALL SIZE AND LOW COST
MAKE THE SM SERIES IDEAL
FOR HIGH-VOLUME OEM USE.

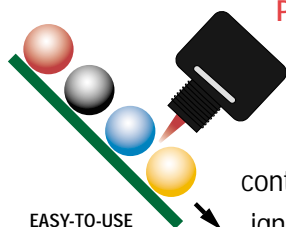
MICRO CONNECTOR
MODELS PROVIDE
QUICK-DISCONNECT
WIRING.

Higher reliability. Optimizing performance provides a larger buffer against reliability problems due to dirty lenses or minor alignment changes caused by impact or vibration. When problems occur, the TargetLock™ LED alerts you to the necessary maintenance—before your machine goes down.

CHOOSE FROM
AC/DC OR DC-ONLY
OPERATION.

Powerful problem-solving. SM Series models with Cutler-Hammer's exceptional Perfect Prox® background rejection technology can reliably detect targets of different color, reflectance, contrast, or surface shape at the same range, while ignoring background objects just a fraction of an inch away. In addition to Perfect Prox, the SM Series also includes thru-beam, polarized reflex and diffuse reflective models.

Earn your degree today! No sensor is easier to setup and use than the SM Series. Call 1-800-426-9184 and see how easy becoming a sensor expert can be. In Canada, call 1-800-268-3578.



EASY-TO-USE
PERFECT PROX
MODELS IGNORE
CLOSE BACK-
GROUNDS AND
RELIABLY SENSE
DIFFERENT COLORED
TARGETS AT THE
SAME RANGE.

VISIBLE SENSING BEAM
PROVIDES QUICK AND
EASY SETUP.

SEALED HOUSING
IS RATED IP68.

ALL MODELS FEATURE FULL PROTECTION
FROM OVERVOLTAGE, REVERSE POLARITY
AND SHORT CIRCUITS.

Get detailed information online at:
www.sensingsolutions.com



Cutler-Hammer

Pittsburgh, Pennsylvania U.S.A.

Publication No. SA.05E.12.S.E
January 2000
Printed in U.S.A. / MZ 2

Perfect Prox is a registered trademark of Eaton Corporation. SM Series and TargetLock are trademarks of Eaton Corporation.
©2000, Eaton Corporation. All rights reserved.

EATON