

Confocal Fiber Displacement Sensor ZW-7000/5000 Series

Reliable measurements for any material and surface types

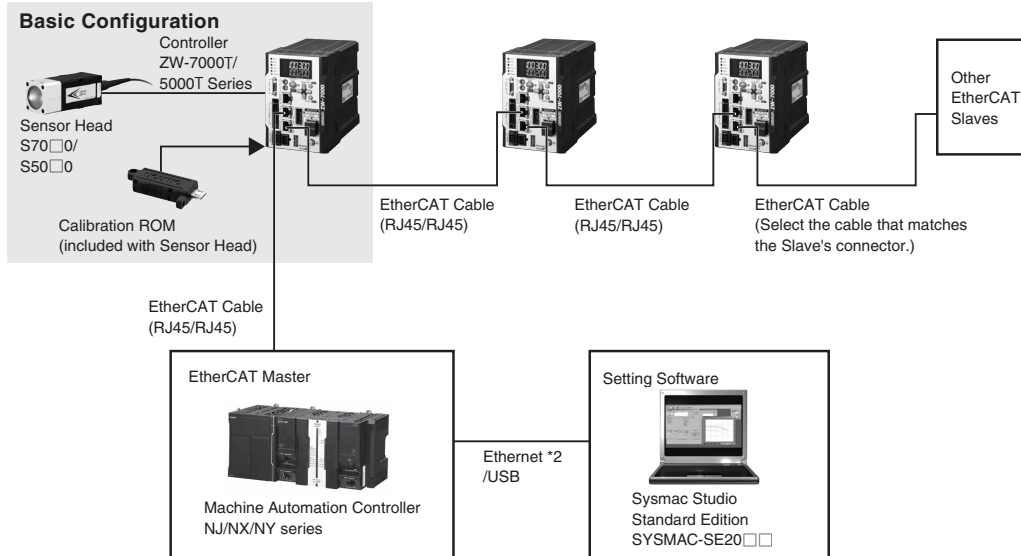
- Measuring shiny objects with an inclination of $\pm 25^\circ$
- $\pm 0.5 \mu\text{m}$ or less linearity for various materials
- Sampling rate as fast as 20 μs
- Small spot diameter of 10 μm or less

Note: Angle characteristic, linearity, sampling period and spot diameter given in the cover differ among models. Please ask OMRON sales representative for details.

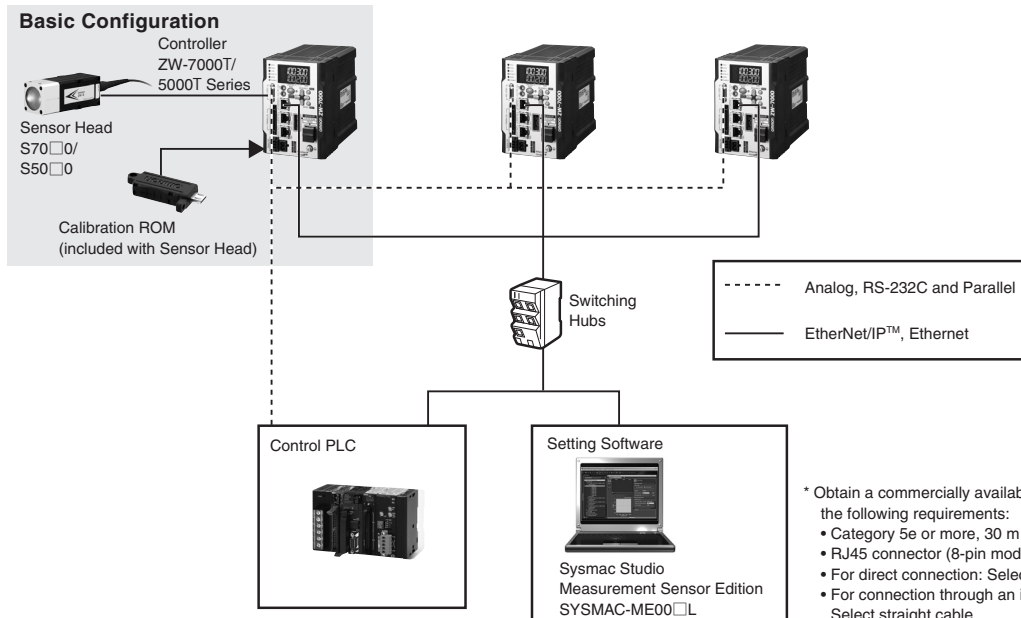


System Configuration

EtherCAT connections



Analog, EtherNet/IP, Ethernet, RS-232C and Parallel connections



- * Obtain a commercially available Ethernet cable satisfying the following requirements:
- Category 5e or more, 30 m or less
 - RJ45 connector (8-pin modular jack)
 - For direct connection: Select cross cable.
 - For connection through an industrial switching hub: Select straight cable.