

MPD IR SENSOR SAFETY BEAMS

COMPETITOR DIFFERENCES

The difference between the Omron series E3FB-TN## seems to be the closest in a cylindrical form factor. The wiring is different though, Their receiver (RX) uses a 4 wire set up to achieve NO/NC, but their transmitter (TX) is two wire only (no test line). There's also the E3T-CT## series which uses wiring more similar to ours for the receiver (RX), but are only short range ($\leq 1\text{m}$)

The difference between the Panasonic series CY-100 series is pretty close but uses an M18 hole for mounting, so a little bit larger. Wiring seems to be identical including a test line. This is the closest functional equivalent.



COMPETITOR CROSS REFERENCE TABLE:

Company Name	Part Number	MPD Part or Info
Omron	E3FB-TN	ALL MPD HBTX & RX
Omron	E3FB-TN11	
Omron	E3FB-TN21	
Omron	E3FB-TP11	
Omron	E3FB-TP21	

Company Name	Part Number	MPD Part or Info
Omron	E3T-CT	ALL MPD HBTX & RX
Omron	E3T-CT12	
Omron	E3T-CT14	
Omron	E3T-CT22S	
Omron	E3T-CT24S	

Company Name	Part Number	MPD Part or Info
Panasonic	CY-111A	ALL MPD HBTX AND HBRX
Panasonic	CY-111B	ALL MPD HBTX AND HBRX
Panasonic	CY-111P	ALL MPD HBTX AND HBRX
Panasonic	CY-111VA	ALL MPD HBTX AND HBRX
Panasonic	CY-111VB	ALL MPD HBTX AND HBRX