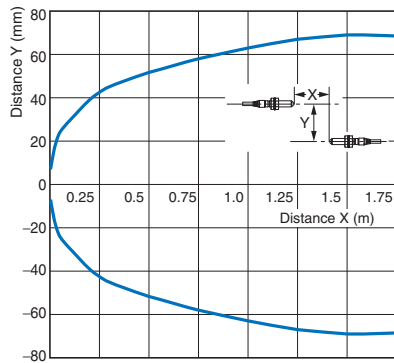
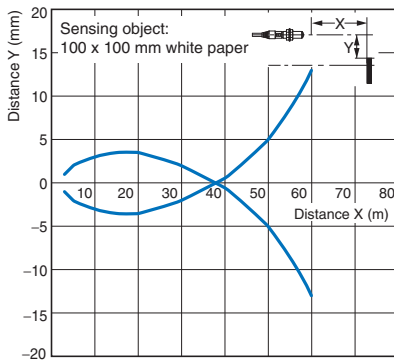


Engineering Data (Typical)

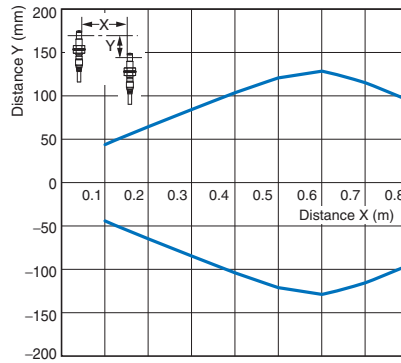
Parallel Operating Range
Through-beam
E3T-CT1□



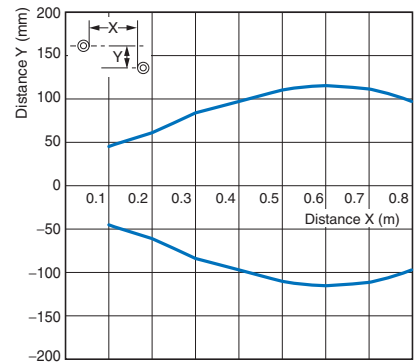
Operating Range
Diffuse-reflective
E3T-CD1□



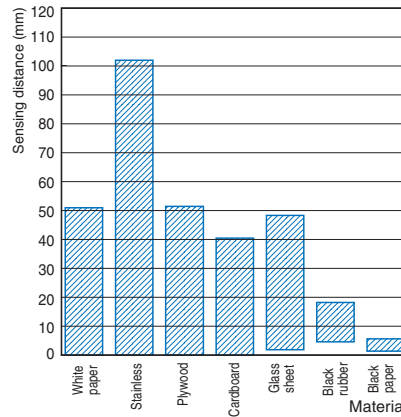
E3T-CT2□S (Top to Bottom)



E3T-CT2□S (Right to Left)



Sensing Distance vs. Material
Diffuse-reflective
E3T-CD1□



I/O Circuit Diagrams

NPN Output

Model	Operation mode	Timing charts	Output circuit
E3T-CD11	Light-ON	Light incident Light interrupted Operation indicator (orange) ON OFF Output transistor ON OFF Load (e.g., relay) Operate Reset (Between brown (1) and black (4) leads)	Through-beam Receivers and Reflective Sensors
E3T-CT12 E3T-CT22S	Dark-ON	Light incident Light interrupted Operation indicator (orange) ON OFF Output transistor ON OFF Load (e.g., relay) Operate Reset (Between brown (1) and black (4) leads)	Through-beam Emitters

PNP Output

Model	Operation mode	Timing charts	Output circuit
E3T-CD13	Light-ON	Light incident Light interrupted Operation indicator (orange) ON OFF Output transistor ON OFF Load (e.g., relay) Operate Reset (Between blue (3) and black (4) leads)	Through-beam Receivers and Reflective Sensors
E3T-CT14 E3T-CT24S	Dark-ON	Light incident Light interrupted Operation indicator (orange) ON OFF Output transistor ON OFF Load (e.g., relay) Operate Reset (Between blue (3) and black (4) leads)	Through-beam Emitters