








Retro-Reflective Mode

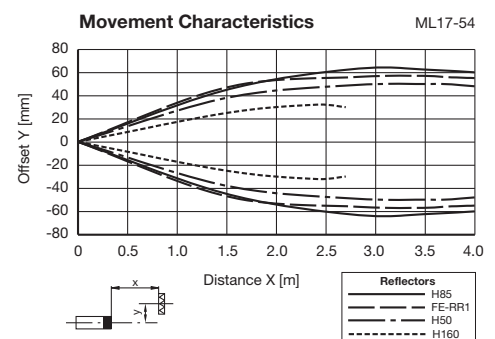
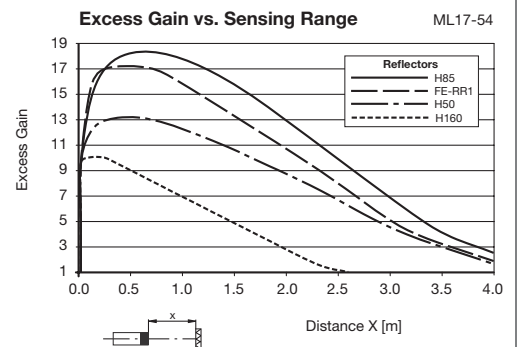
Specifications	0-3.5m	0-3.5m	0-3.5m
SENSING RANGE	0-3.5m	0-3.5m	0-3.5m
SENSITIVITY ADJUSTMENT	Yes	Yes	Yes
REFERENCE TARGET	FE-RR1 reflector	FE-RR1 reflector	FE-RR1 reflector
REFLECTOR DISTANCE	50mm-3.5m	50mm-3.5m	50mm-3.5m
POLARIZATION FILTER	Yes	Yes	Yes
MODEL NUMBER(S)	ML17-54/115/136	ML17-54/73/136	ML17-54/136/143
OUTPUT  /136	4-in-1*	4-in-1*	4-in-1*
SUPPLY VOLTAGE	10-30VDC	10-30VDC	10-30VDC
RESPONSE TIME	≤1.0ms	≤1.0ms	≤1.0ms
SWITCHING FREQUENCY	500Hz	500Hz	500Hz
LIGHT SOURCE	Visible red LED 626nm	Visible red LED 626nm	Visible red LED 626nm
WEIGHT	1.4oz	0.3oz	0.3oz
ELECTRICAL CONNECTION	 2-meter cable, PVC covered, 4-conductor, #26AWG	 Quick disconnect type V1, integral	 Quick disconnect type V31, integral
ADDITIONAL DATA	See pages 443-446		

*NPN normally open, NPN normally closed, PNP normally open, or PNP normally closed

Specifications	0-3.5m	0-3.5m
SENSING RANGE	0-3.5m	0-3.5m
SENSITIVITY ADJUSTMENT	Yes	Yes
REFERENCE TARGET	FE-RR1 reflector	FE-RR1 reflector
REFLECTOR DISTANCE	50mm-3.5m	50mm-3.5m
POLARIZATION FILTER	Yes	Yes
MODEL NUMBER(S)	ML17-54/115b/136	ML17-54/115a/136
OUTPUT  /136	4-in-1*	4-in-1*
SUPPLY VOLTAGE	10-30VDC	10-30VDC
RESPONSE TIME	≤1.0ms	≤1.0ms
SWITCHING FREQUENCY	500Hz	500Hz
LIGHT SOURCE	Visible red LED 626nm	Visible red LED 626nm
WEIGHT	0.8oz	0.8oz
ELECTRICAL CONNECTION	 150mm pigtail, PVC covered, quick disconnect type V1	 150mm pigtail, PVC covered, quick disconnect type V31
ADDITIONAL DATA	See pages 443-446	

*NPN normally open, NPN normally closed, PNP normally open, or PNP normally closed





Sensing Characteristics






Photoelectric Sensors



Retro-Reflective Mode

Specifications	0-6.5m	0-6.5m	0-6.5m
SENSING RANGE	0-6.5m	0-6.5m	0-6.5m
SENSITIVITY ADJUSTMENT	Yes	Yes	Yes
REFERENCE TARGET	FE-RR1 reflector	FE-RR1 reflector	FE-RR1 reflector
REFLECTOR DISTANCE	50mm-6.5m	50mm-6.5m	50mm-6.5m
POLARIZATION FILTER	No	No	No
MODEL NUMBER(S)	ML17-6/115/136	ML17-6/73/136	ML17-6/136/143
OUTPUT  /136	4-in-1*	4-in-1*	4-in-1*
SUPPLY VOLTAGE	10-30VDC	10-30VDC	10-30VDC
RESPONSE TIME	≤1.0ms	≤1.0ms	≤1.0ms
SWITCHING FREQUENCY	500Hz	500Hz	500Hz
LIGHT SOURCE	Visible red LED 626nm	Visible red LED 626nm	Visible red LED 626nm
WEIGHT	1.4oz	0.3oz	0.3oz
ELECTRICAL CONNECTION	 2-meter cable, PVC covered, 4-conductor, #26AWG	 Quick disconnect type V1, integral	 Quick disconnect type V31, integral
ADDITIONAL DATA	See pages 443-446		

*NPN normally open, NPN normally closed, PNP normally open, or PNP normally closed

Specifications	0-6.5m	0-6.5m
SENSING RANGE	0-6.5m	0-6.5m
SENSITIVITY ADJUSTMENT	Yes	Yes
REFERENCE TARGET	FE-RR1 reflector	FE-RR1 reflector
REFLECTOR DISTANCE	50mm-6.5m	50mm-6.5m
POLARIZATION FILTER	No	No
MODEL NUMBER(S)	ML17-6/115b/136	ML17-6/115a/136
OUTPUT  /136	4-in-1*	4-in-1*
SUPPLY VOLTAGE	10-30VDC	10-30VDC
RESPONSE TIME	≤1.0ms	≤1.0ms
SWITCHING FREQUENCY	500Hz	500Hz
LIGHT SOURCE	Visible red LED 626nm	Visible red LED 626nm
WEIGHT	0.8oz	0.8oz
ELECTRICAL CONNECTION	 150mm pigtail, PVC covered, quick disconnect type V1	 150mm pigtail, PVC covered, quick disconnect type V31
ADDITIONAL DATA	See pages 443-446	

*NPN normally open, NPN normally closed, PNP normally open, or PNP normally closed

Sensing Characteristics

