



## Eaton 135621

Eaton Moeller® series E58 Diffuse reflective sensor, Sn=200mm, 4L, 10-30VDC, NPN, PNP, M18, insulated material, M12 13106AQD07

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<b>PRODUCT NAME</b>	Eaton Moeller® series E58 Diffuse reflective sensor
<b>CATALOG NUMBER</b>	135621
<b>PRODUCT LENGTH/DEPTH</b>	158.75 mm
<b>PRODUCT HEIGHT</b>	50.8 mm
<b>PRODUCT WIDTH</b>	133.35 mm
<b>PRODUCT WEIGHT</b>	0.32 kg
<b>CERTIFICATIONS</b>	CSA Class No.: 3211-07 CSA File No.: 50513 CSA UL IEC/EN 60947-5-2 UL File No.: E117028 CE UL 508 UL Category Control No.: NRKH, NRKH7 CSA-C22.2 No. 14



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<b>TYPE</b>	Optical sensors
<b>FEATURES</b>	Straight beam
<b>ELECTRIC CONNECTION TYPE</b>	Plug-in connection
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>ENCLOSURE TYPE</b>	Cylinder, screw-thread
<b>OPERATING MODE</b>	Switching principle: Adjustable bright/dark switching
<b>EXPLOSION SAFETY CATEGORY FOR DUST</b>	None
<b>EXPLOSION SAFETY CATEGORY FOR GAS</b>	None
<b>FUNCTIONS</b>	Short-circuit protection Reflected-light beam Protection against polarity reversal
<b>VOLTAGE TYPE</b>	DC
<b>WIRE SIZE</b>	22
<b>CONNECTION TYPE</b>	4-wire Plug-in connection M12 x 1
<b>CABLE SHEATH MATERIAL</b>	Polyvinyl chloride (PVC)
<b>LIGHT TYPE</b>	Infrared light
<b>DEGREE OF PROTECTION</b>	IP67 NEMA 6
<b>INTERFACE TYPE</b>	Other
<b>LED INDICATOR</b>	Status indication of Switching state: Red LED
<b>SWITCH FUNCTION TYPE</b>	Other
<b>LOAD CURRENT</b>	Max. 250 mA (Ie, NPN, 120 > 50°C) Max. 100 mA (Ie, PNP)
<b>LASER PROTECTION CLASS</b>	None
<b>OPERATION AGENT-SAFETY CLASS</b>	Safety class 2
<b>SHOCK RESISTANCE</b>	100 g, Mechanical, Shock duration 3 ms
<b>OPTICAL SURFACE MATERIAL</b>	Plastic
<b>OUTPUT CURRENT (MA) - MAX</b>	250 mA
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX</b>	30 V

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□□	<a href="#">eaton-proximity-switches-dimensions-002.eps</a>
	<a href="#">eaton-proximity-switches-dimensions-003.eps</a>
	<a href="#">eaton-proximity-switches-3d-drawing-007.eps</a>

<b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN</b>	10 V
<b>RATED SWITCHING DISTANCE (SN)</b>	200 mm
<b>SENSOR LENGTH</b>	56 mm
<b>SWITCHING DISTANCE - MAX</b>	200 mm
<b>VOLTAGE RATING - MAX</b>	30 V
<b>SAFETY TYPE (IEC 61496-1)</b>	1
<b>SWITCHING FREQUENCY</b>	500 Hz
<b>SENSING MODE</b>	Light-/dark switching
<b>SWITCHING OUTPUT TYPE</b>	PNP
<b>SENSOR MATERIAL</b>	Insulated material
<b>ACCESSORIES</b>	Can be expanded with fibre optic cable.
<b>PRODUCT CATEGORY</b>	Comet Series
<b>RESPONSE TIME</b>	1 ms
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-40 °C
<b>DIAMETER SENSOR</b>	18 mm
<b>NUMBER OF CONTACT ENERGIZED OUTPUTS WITH SIGNALLING FUNCTION</b>	0
<b>NUMBER OF OUTPUTS (PROTECTED CONTACT ENERGIZED)</b>	0
<b>NUMBER OF OUTPUTS (PROTECTED SEMICONDUCTOR)</b>	0
<b>NUMBER OF OUTPUTS (SEMICONDUCTOR WITH SIGNALING FUNCTION)</b>	2
<b>OPERATIONAL CURRENT (IB) IN THE SWITCHED STATE AT 24 V DC</b>	30 A
<b>ADJUSTMENT TYPE</b>	Manual adjustment

