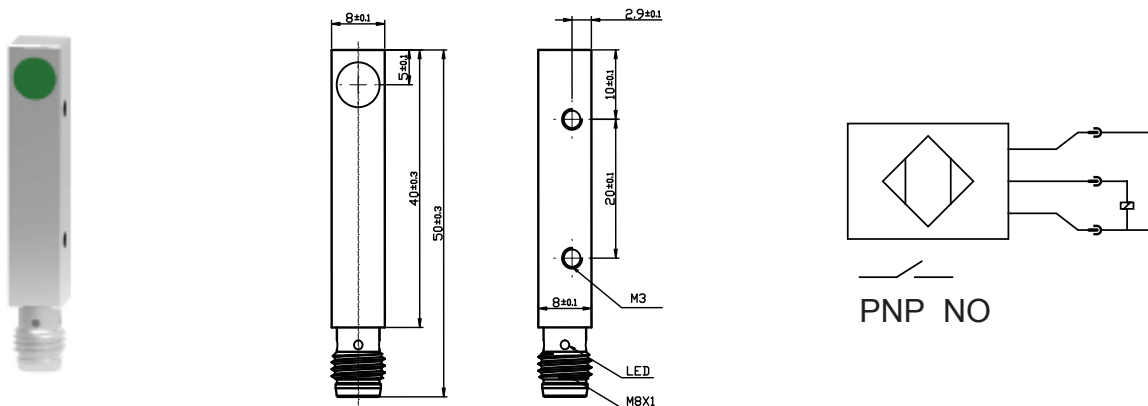


8x8 Quader

Inductive Sensors

Technical Data

Type	F11.5-MQ08-OP6L-Q8 / F12-MQ08-OP6L-Q8
Rated operating distance Sn	1.5 mm / 2 mm
Mounting condition	Flush
Output function	3-wire, NO contact, PNP
Assured sensing range	≤ (0,81 x Sn) mm
Correction factors	St37=1, V2A ~ 0.7, Al ~ 0.3
Hysteresis	3...15%
Temperaturdrift	10%
Ambient temperature	-25...+70°C
Operating voltage	10...30VDC
Residual ripple	≤10 % Ub
DC rated operational current	≤200mA
No-load current	≤15mA
Smallest operating current	≤1mA
Residual current	≤0.1mA
Voltage drop	≤2.5V
Rated insulation voltage	≤0.5kV
Short-circuit protection	Yes
Reverse polarity protection	Yes
Switching frequency	1000Hz
Dimensions	8x8x50mm
Housing material	Cu
Material active face	Plastic
Connection	Male, M8
Protection class	IP67
Indication of the switching state	LED,red
Compliance with standards and directives	EN 60947-5-2:2007 IEC 60947-5-2:2007



8x8 Quader - T120°C

Inductive Sensors

Technical Data	
Type	F11.5-MQ08-OP6L-Q8/T120 / F12-MQ08-OP6L-Q8/T120
Rated operating distance Sn	1.5 mm / 2 mm
Mounting condition	Flush
Output function	3-wire, NO contact, PNP
Assured sensing range	≤ (0,81 x Sn) mm
Correction factors	St37=1, V2A ~ 0.7, Al ~ 0.3
Hysteresis	3...15%
Temperaturdrift	10%
Ambient temperature	-25...+120°C
Operating voltage	10...30VDC
Residual ripple	≤10 % Ub
DC rated operational current	≤200mA
No-load current	≤15mA
Smallest operating current	≤1mA
Residual current	≤0.1mA
Voltage drop	≤2.5V
Rated insulation voltage	≤0.5kV
Short-circuit protection	Yes
Reverse polarity protection	Yes
Switching frequency	1000Hz
Dimensions	8x8x50mm
Housing material	Cu
Material active face	Plastic
Connection	Male, M8
Protection class	IP67
Indication of the switching state	LED,red
Compliance with standards and directives	EN 60947-5-2:2007 IEC 60947-5-2:2007

