

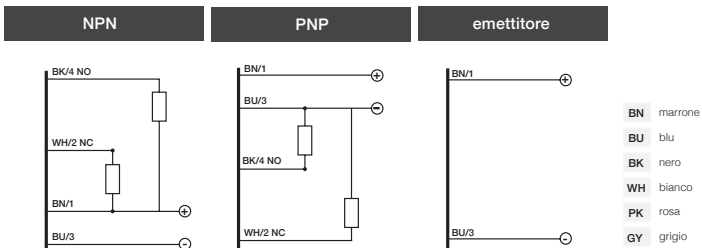
CONTENUTO DELLA CONFEZIONE

- manuale d'istruzione
- staffa di fissaggio (ST 105)
- cacciavite

DESCRIZIONE GENERALE

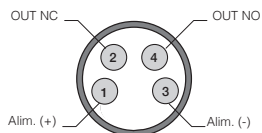
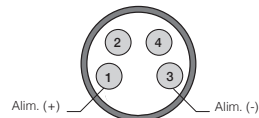
- Sensore Fotoelettrico Cubico Miniaturizzato corpo in acciaio inox AISI 316L per ambienti gravosi o applicazioni alimentari
- Grado di protezione IP67-IP68-IP69K
- Totalmente protetta contro danneggiamenti di tipo elettrico
- Uscite complementari (NO + NC)
- Approvazioni: CE e cULus Listed

SCHEMI ELETTRICI DELLE CONNESSIONI



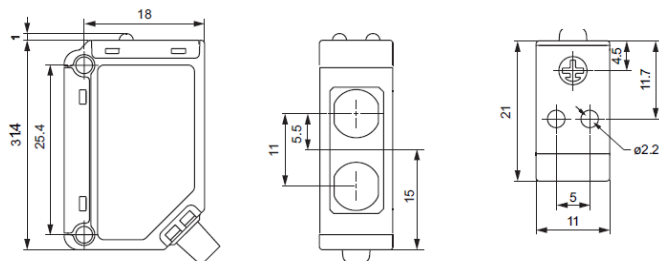
CONNETTORI

QF/B*-1F (M8 4 pin)**

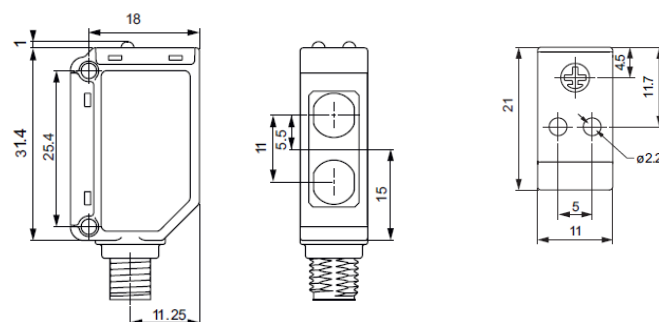
**QFIH/00-1F (M8 4 pin)**

DIMENSIONI

Modello cavo



Modello connettore M8

**DESCRIZIONE DEL CODICE**

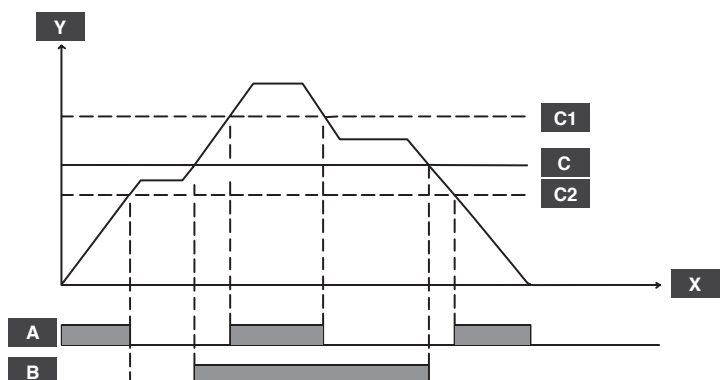
QF	R	N	/	B	P	-	1	F
QF	Fotocellula cubica miniaturizzata per ambienti gravosi o alimentari							
R	Emissione a LED visibile rosso							
I	Emissione a LED infrarosso							
4	Diffusione diretta 200 mm (fascio ampio)							
8	Diffusione diretta 1.000 mm							
S	Soppressione di sfondo							
N	Polarizzata							
H	Emettitore							
D	Ricevitore							
0	Emettitore							
B	Uscite complementari (NO + NC)							
P	Uscita PNP							
N	Uscita NPN							
1	Corpo metallico (acciaio AISI 316L)							
A	Uscita cavo (lunghezza standard 2 m)							
F	Uscita connettore M8 4 pin							

ALLINEAMENTO E REGOLAZIONE

Green LED	Yellow LED	Power	Output
ON	OFF	ON	OFF (stable)*
OFF	OFF	ON or OFF	OFF
OFF	ON	ON	ON
OFF	ON	ON	ON (stable)*

* See signal stability curve

Emitter			
Green LED	-	Power	-
ON	-	ON	-



A	Green LED ON	C1	Operation level x 1.10
B	Yellow LED OFF	C	Operation level
X	Time	C2	Operation level 0.90
Y	Excess gain		



Micro Detectors
Italian Sensors Technology
a company of



M.D. Micro Detectors S.p.A.
con Unico Socio
Strada S. Caterina, 235
41122 Modena Italy
Tel. +39 059 420411
Fax +39 059 253973
www.microdetectors.com
info@microdetectors.com



ATTENZIONE Questo prodotto NON è un componente di sicurezza e NON deve essere usato in applicazioni di salvaguardia della sicurezza delle persone.

Dichiarazione di conformità

Dichiarazione di conformità
M.D. Micro Detectors S.p.A. con Unico Socio dichiara sotto la propria responsabilità che questi prodotti sono conformi ai contenuti della direttiva EMC.

QF

METALLIC CUBIC MINIATURIZED PHOTOELECTRIC SENSORS

Installation manual - CAT8BQF1887401 - ENG - Created: 05/04/2018

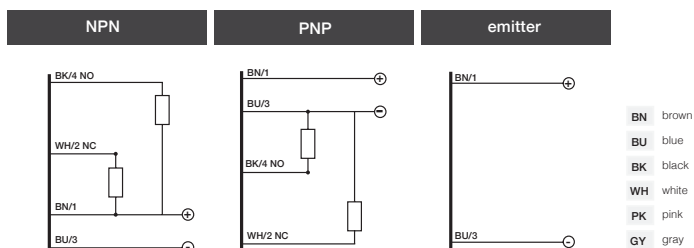
SUPPLIED MATERIAL

- Installation manual
- Mounting bracket (ST 105)
- Screwdriver

GENERAL DESCRIPTION

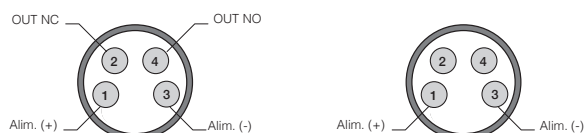
- Miniaturized Photoelectric cubic Sensor stainless steel AISI 316L housing for harsh environments or food applications
- Protection degree IP67-IP68-IP69K
- Total protection against electrical damage
- Complementary outputs (NO + NC)
- Approval : EC and cULus

ELECTRICAL DIAGRAMS OF CONNECTIONS



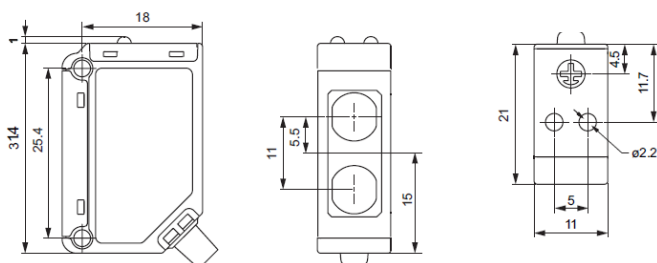
PLUGS

QF**/B*-1F (M8 4 pin)	QFIH/00-1F (M8 4 pin)
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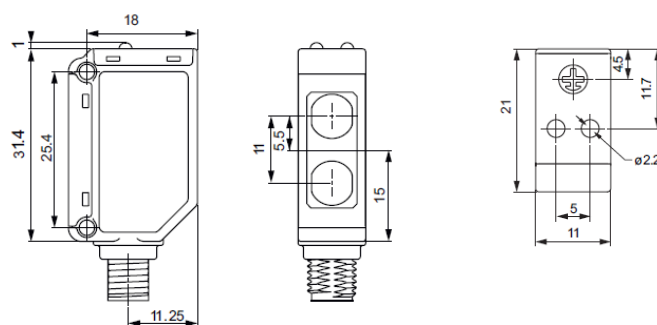


DIMENSIONS

Cable models



M8 connector models



CODE DESCRIPTION

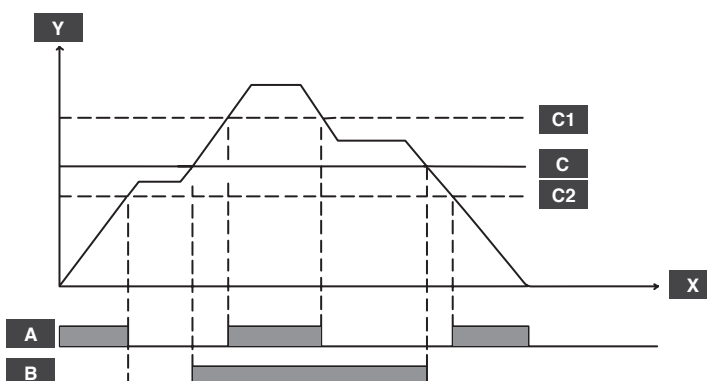
QF	R	N	/	B	P	-	1	F
QF	Red emission	Infrared emission		Direct reflection 200 mm (wide spot)	Direct reflection 1,000 mm	Background suppression	Polarized	Emitter
R				Receiver				
I								
4								
8								
S								
N								
H								
D								
0								
B								
P								
N								
1								
A								
F								

ALIGNMENT AND ADJUSTMENT

Green LED	Yellow LED	Power	Output
ON	OFF	ON	OFF (stable)*
OFF	OFF	ON or OFF	OFF
OFF	ON	ON	ON
OFF	ON	ON	ON (stable)*

* See signal stability curve

Emitter			
Green LED	-	Power	-
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WARNING These products are NOT safety sensors and are NOT suitable for use in personal safety application

Declaration of conformity

M.D. Micro Detectors S.p.A. con Unico Socio declare under our sole responsibility that these products are in conformity with the EMC directive.