



LAMPEGGIANTI A LED

*Led Beacons*

VELYA



## Legenda simboli

### Icons legend



Soccorso stradale  
*Rescue*



Macchine movimento terra  
*Earth moving machines*



Furgoncino  
*Van*



Autogru  
*Cranes*



Spazzatrici stradali  
*Road sweepers*



Trattori  
*Tractors*



Macchine da raccolta  
*Harvest machineries*

**NC**

Linea seriale non collegata  
*Disconnected serial line*

**SYNC**

Lampeggianti con linea  
seriale comune  
*Beacons with common  
serial line*












**GND**

Linea seriale collegata a massa  
*Serial line connected to ground*

# Lampeggianti a Led / Led Beacons

## VELYA



	Alimentazione <i>Power supply</i>	12 - 24V
	Potenza assorbita <i>Power consumption</i>	8W
	Inversione di polarità <i>Reverse polarity</i>	protected
	Load dump	protected
	Frequenza lampeggio <i>Flashing frequency</i>	f=2,05 Hz
	Durata impulso <i>Pulse duration</i>	85 ms ON - 20 ms OFF - 85 ms ON
	Tipo di illuminazione <i>Type of lighting</i>	LEDs
	Grado di protezione <i>Sealing degree</i>	IP66 + 9K + IPX7 (Must employ sealed connector)
	Temperatura di funzionamento <i>Operating temperature</i>	- 40° C ÷ + 60° C (light output may be reduced - Overheat protection)
	Temperatura di stoccaggio <i>Storage temperature</i>	- 40° C ÷ + 85° C
	Omologazione <i>Homologation</i>	ECE R65 class 1 - cat.T SAE J845 w3-2
<b>EMC</b>	Compatibilità elettromagnetica <i>Electromagnetic compatibility</i>	CISPR 25 class 5 (except some frequencies, see technical specifications SP-35-4000-0000)



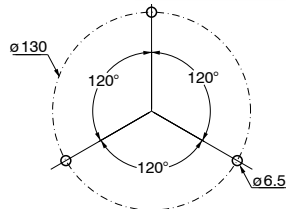
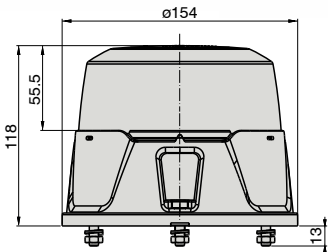
# Base Piana - 3 Viti

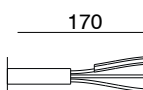
## Flat Mount - 3 Screws

Funzioni / Functions

- FLASHING
- CRUISE/SYNCRO

P/N	Q.ta Q.ty	Connessione Connection
<b>1098693</b> 35-4011-0000	1	compreso nella confezione <i>included in the package</i> ★ <b>1028518</b>



P/N	Q.ta Q.ty	Connessione Connection
<b>1096759</b> 35-4006-0000	1	 Cavo - Cable 170 mm

★  
**1028518**

compreso nella confezione - *included in the package*:

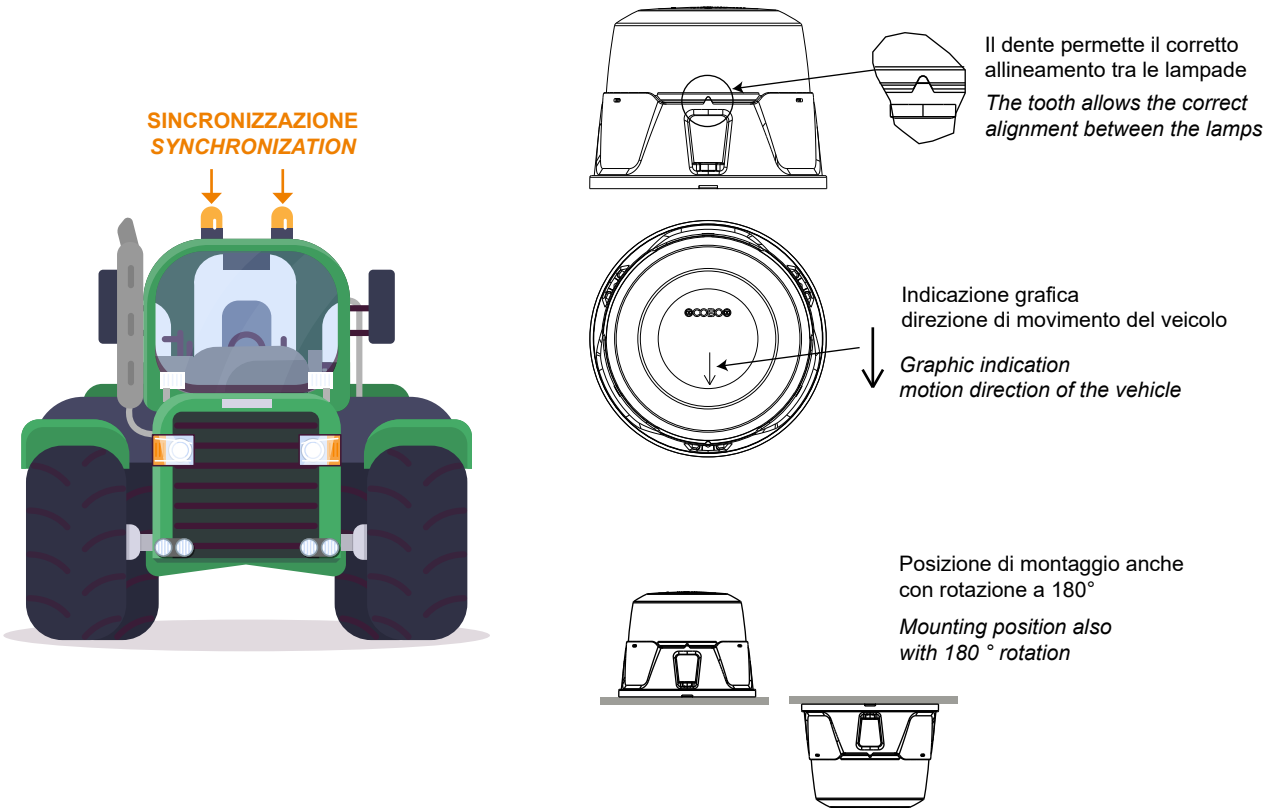
**1098693**



Mating connector IP67  
**S/SEAL 3 vie / 3 pins**  
(connector, rubber taps,  
female terminals)

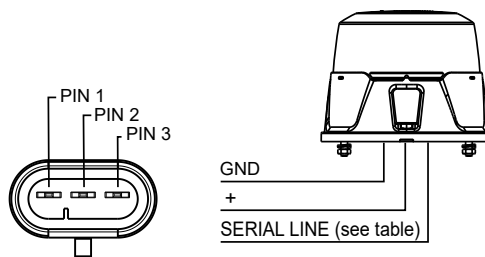
## Funzione CRUISE/SYNCRO CRUISE/SYNCRO Function

### 1) Posizione di montaggio per sincronizzazione di 2 o max 4 lampeggianti Mounting position for 2 or max 4 beacons synchronization



### 2) Collegamenti / Connections

PIN	Funzioni Functions
1	Syncro
2	+
3	-



Seal Line	Funzioni Functions
NC	Double Flashing
SYNC	Double Flashing Syncro
GND	Cruise

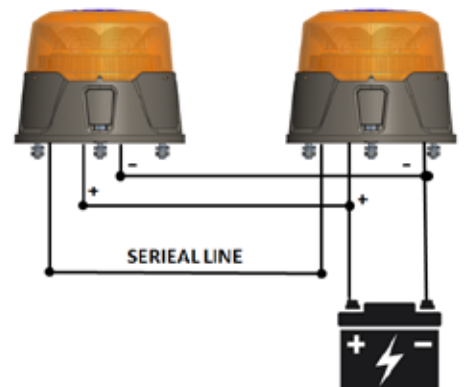
#### FLASHING MODE



#### CRUISE FUNCTION



#### SYNCHRONIZATION MODE





12-24V

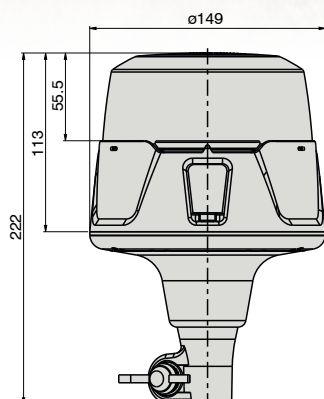
## Base Flessibile con Innesto Tubolare

*Flexible Pipe Mount*

Funzione / Function

**- FLASHING**

P/N	Q.ta Q.ty	Connessione Connection
<b>1096760</b> 35-4005-0000	1	Spina DIN DIN plug





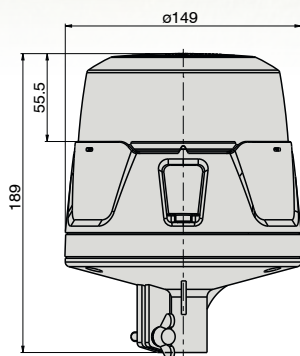
# Innesto Tubolare

## Pipe Mount

Funzione / Function

**- FLASHING**

P/N	Q.ta Q.ty	Connessione Connection
<b>1097416</b> 35-4008-0000	1	Spina DIN DIN plug



12-24V

## Base Magnetica *Magnetic Mount*

Per applicazioni su lamiera di ferro spessore minimo 0.8 mm  
*To be used on 0.8 mm thick minimum iron plates*

Funzione / *Function*

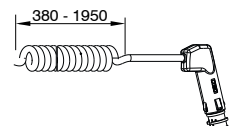
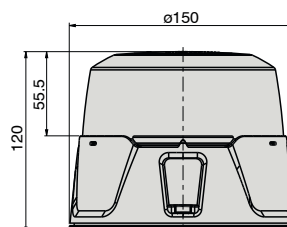
**- FLASHING**

P/N	Q.ta Q.ty	Connessione Connection
<b>1097417</b> 35-4009-0000	1	Spina - Plug 1950 mm

250 KM/H



3 Magneti al Neodimio  
3 Neodymium magnets







# Base Magnetica

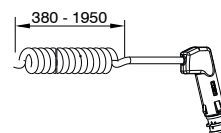
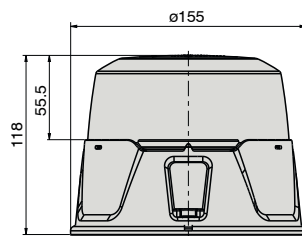
## Magnetic Mount

Funzione / Function

**- FLASHING**

P/N	Q.ta Q.ty	Connessione Connection
<b>1097415</b> 35-4007-0000	1	Spina - Plug 1950 mm

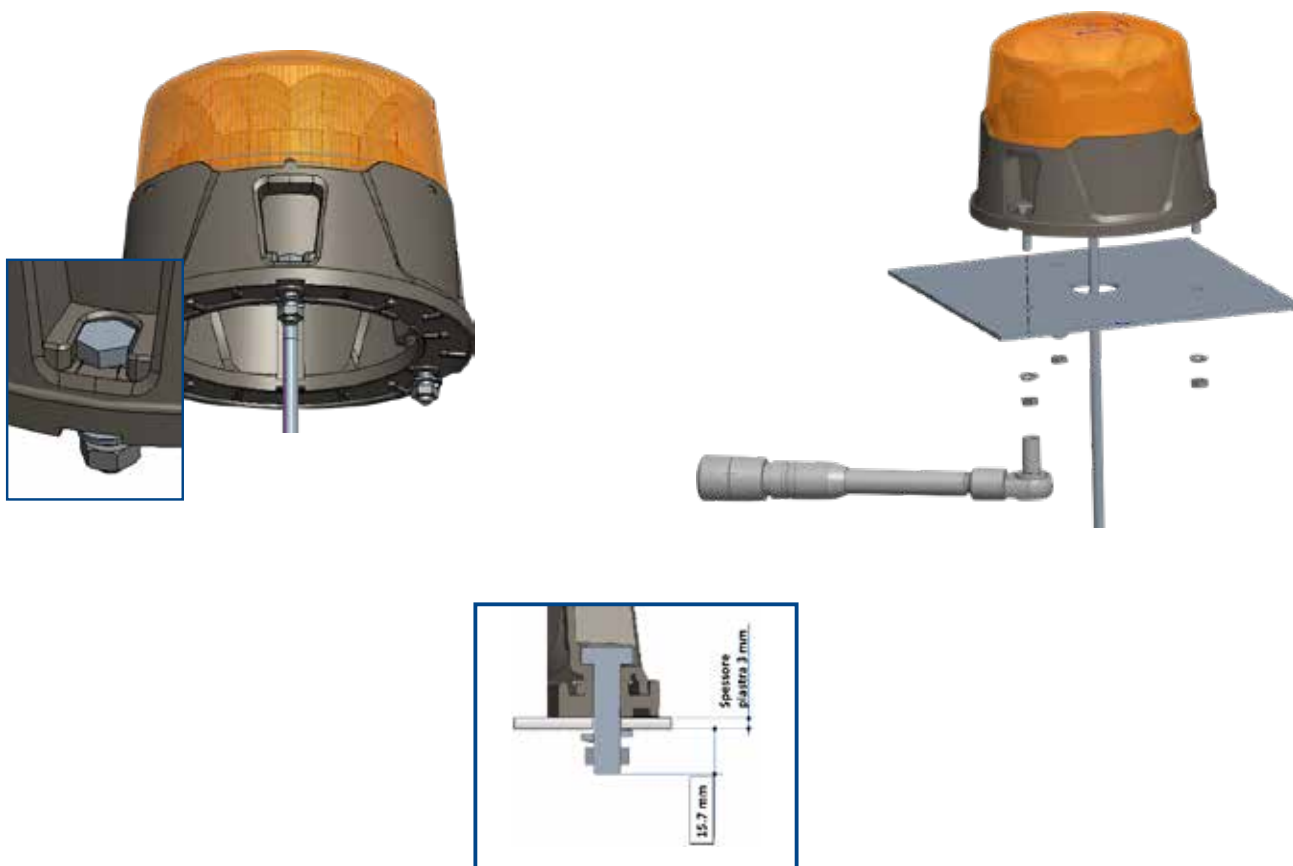
80 KM/H



# Istruzioni di Montaggio per Base Piana - 3 Viti

## Assembly Instructions for Flat Mount - 3 Screws

### FISSAGGIO DA SOTTO IL TETTO FIXING UNDER ROOF



MAX USCITA VITE DA PIASTRA L = 30  
(spessore piastra di ferro 3 mm)

TESTA DELLA VITE	Esagonale (UNI 5931)
Dimensioni massime della testa	CH 10
Filettatura	M6
Lunghezza max vite	30
Altezza massima testa della vite	6
Classe di resistenza minima del materiale	8.8
Coppia massima [Nm]	2.5+0-0.5

Possibilità di montare altri tipi di viti purché conformi alle indicazioni nella tabella sopra descritta.  
Si consiglia l'utilizzo di dadi autobloccanti secondo UNI 7473 e UNI 7474

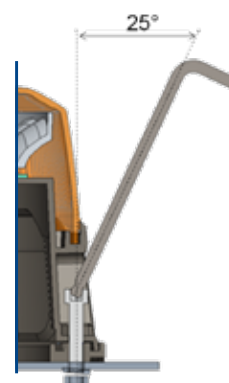
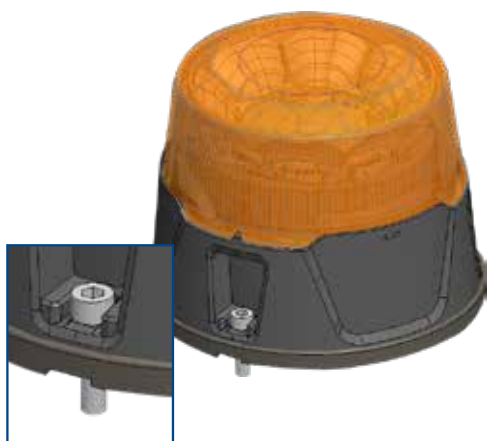
MAX SCREW OUTPUT FROM PLATE L=30  
(iron plate thickness 3 mm)

SCREW HEAD	Hexagonal (UNI 5931)
Max head dimensions	CH 10
Thread	M6
Screw stem max length	30
Screw head max height	6
Min material resistance class	8.8
Max torque [Nm]	2.5+0-0.5

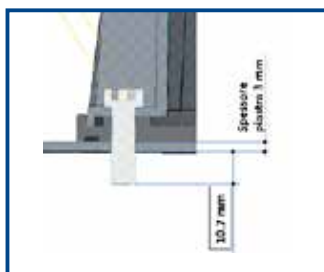
Possibility of mounting other types of screws as long as they comply with instructions in the table described above.  
We recommend the use of self-locking nuts according to UNI 7473 and UNI 7474

## FISSAGGIO DA SOPRA IL TETTO FIXING ABOVE ROOF

Angolo di lavoro fino a 25° rispetto all'asse della vite  
Working angle of up to 25° with respect to the axis of the screw



Per serrare la vite utilizzare chiavi esagonali con testa sferica  
To tighten the screw use hexagon keys with spherical head



MAX USCITA VITE DA PIASTRA L = 25  
(spessore piastra di ferro 3 mm)

VITE A TESTA ESAGONALE	Incasso vite a testa (UNI 5931)	Vite a testa esalobata (Torx) (ISO 14579)
Dimensioni massime della testa		Ø 10
Filettatura		M6
Lunghezza max vite		25
Altezza massima testa della vite		6
Classe di resistenza minima del materiale		8.8
Coppia massima [Nm]		2.5+0-0.5

Possibilità di montare altri tipi di viti purché conformi alle indicazioni nella tabella sopra descritta.  
Il cliente deve fornire la filettatura sulla piastra  
Per serrare la vite utilizzare chiavi esagonali con testa sferica

MAX SCREW OUTPUT FROM PLATE L=25  
(iron plate thickness 3 mm)

HEXAGON HEAD SCREW	Recessed head screw (UNI 5931)	Hexalobular-type head screw (Torx) (ISO 14579)
Max head dimensions		Ø 10
Thread		M6
Screw stem max length		25
Screw head max height		6
Min material resistance class		8.8
Max torque [Nm]		2.5+0-0.5

Possibility of mounting other types of screws as long as they comply with instructions in the table described above.  
The customer must provide the thread on the plate  
To tighten the screw use hexagon keys with spherical head

# Istruzioni di Montaggio per Base Magnetica

## *Assembly Instructions for Magnetic Mount*



### AVVERTENZE

- Il lampeggiante con base magnetica deve essere montato solo su parti piane dei veicoli con tetti puliti, asciutti privi di neve, ghiaccio e brina;
- Prestare attenzione ai danni accidentali (urti e cadute) che possono causare variazioni delle prestazioni del dispositivo;
- I magneti possono danneggiare prodotti sensibili al magnetismo come carte di credito, orologi, taccuini elettronici, dischetti, computer, dispositivi video o audio;
- Non avvicinarsi a grandi masse ferrose o altri magneti;
- Non tenere vicino a fonti di calore;
- Il conducente del veicolo è responsabile del corretto utilizzo del lampeggiante
- Non avvicinarsi a persone portatrici di strumenti cardiaci stimolatori (pace-maker o simili);
- Si declina ogni responsabilità del costruttore in caso di mancato rispetto delle istruzioni o in caso di uso improprio del prodotto

### WARNINGS

- *The beacon with magnetic base must be fitted only on cleaned, dry flat parts of vehicle rooves and with no snow, ice and hoarfrost;*
- *Pay attention to accidental damages (bumps and falls) that can cause variations of the performances of the device;*
- *The magnets can damage products sensitive to the magnetism such as credit cards, clocks, electronic notebooks, diskettes, computer, video or audio devices;*
- *Do not approach to great ferrous masses or other magnets;*
- *Do not hold next to sources of heat;*
- *The driver of the vehicle is responsible of the correct use of the beacon*
- *Do not approach to people bearing stimulation cardiac instruments (pace-maker or similar);*
- *Any responsibility is declined from the builder if the instructions are not observed or in case of the improper use of the product*



## Versioni di Innesti Tubolari

### Versions of Pipe Mount

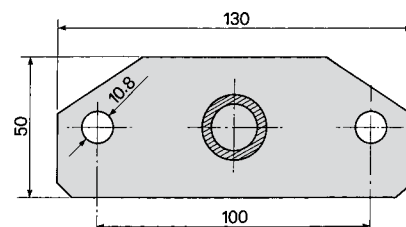
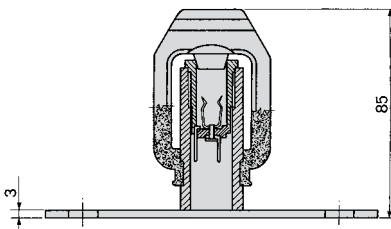


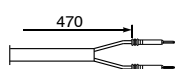
FISSAGGIO CON SUPPORTO ISO 4165:2001	Base flessibile con innesto tubolare	Innesto tubolare
Peso	630 g	490 g
Grado di protezione	IP5K4K	
Coppia di serraggio consigliata [Nm]	8	

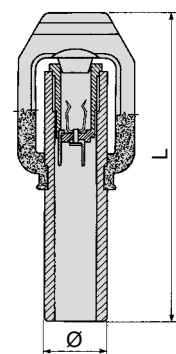
FIXING WITH SUPPORT ISO 4165:2001	Flexible pipe mount	Pipe mount
Weight	630 g	490 g
Sealing degree	IP5K4K	
Recommended tightening torque [Nm]	8	



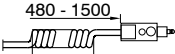
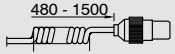
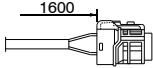
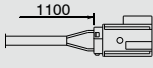
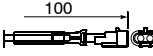
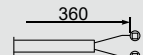
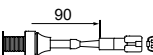
P/N	Q.ta Q.ty
<b>1031161</b> 35-227-0000	4

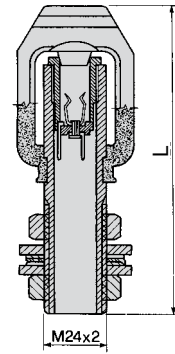


P/N	Q.ta Q.ty	Ø	L	Connessione Connection
<b>1030803</b> <b>1030804</b> 35-001-420	2 20	24	125	
<b>1030836</b> 35-001-920	20	20	122	
<b>1030821</b> <b>1030822</b> 35-001-530	2 20	24	285	 Terminali maschi Male terminals sez. 0,75 - 1,5

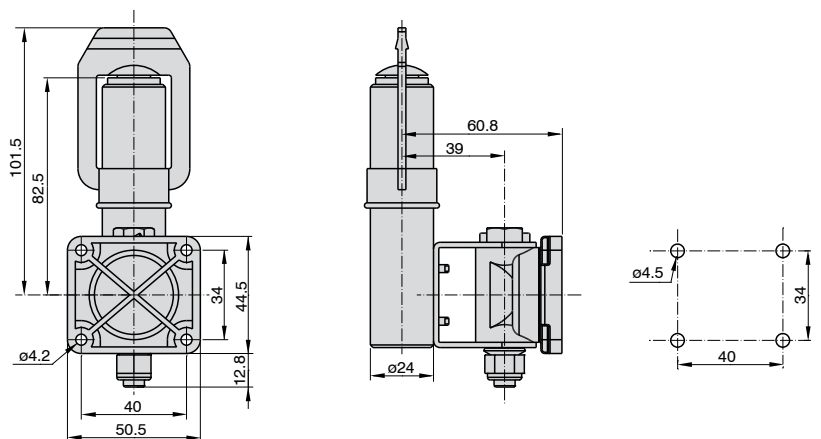


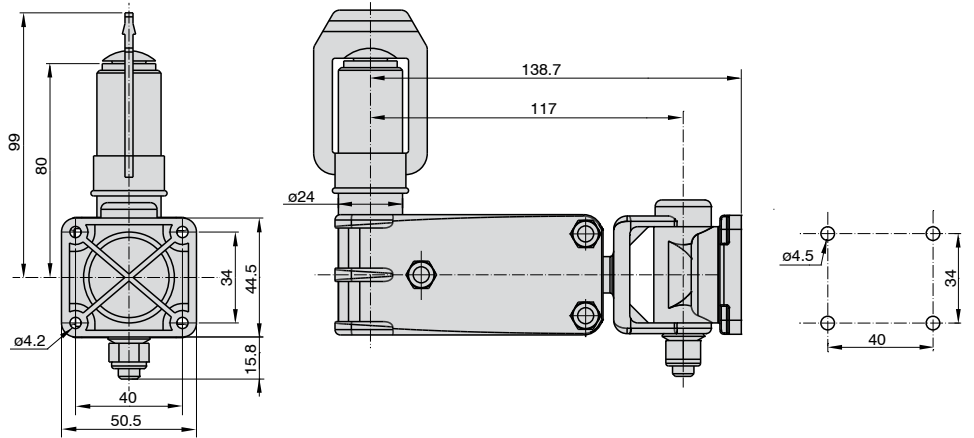


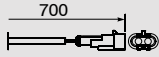
P/N	Q.ta Q.ty	L	Connessione Connection
<b>1030818</b> <b>1030819</b> 35-001-527	2 15	125	
<b>1030815</b> <b>1030816</b> 35-001-520	2 15	170	
<b>1030833</b> 35-001-600	10	170	 Spina unipolare Single pole plug
<b>1030834</b> 35-001-700	10	170	 Spina unipolare Single pole plug
<b>1030824</b> 35-001-540	2	170	 Connettore / Connector YAZAKI PF 3 vie / 3 pins
<b>1030826</b> <b>1030827</b> 35-001-550	2 15	170	 Connettore / Connector YAZAKI PM 3 vie / 3 pins
<b>1031286</b> 35-513-900	10	170	 Connettore / Connector S/SEAL 2 vie / 2 pins
<b>1030829</b> 35-001-560	15	170	 Cavo bipolare Double pole cable
<b>1030831</b> <b>1030832</b> 35-001-570	2 10	170	 Connettore / Connector YAZAKI 2 vie / 2 pins



P/N	Q.ta Q.ty
<b>1030810</b> 35-001-460	2





P/N	Q.ta Q.ty	Connessione Connection
<b>1030812</b> 35-001-470	2	
<b>1030795</b> 35-0001-0490	2	 Connettore / Connector S/SEAL 2 vie / 2 pins

## Note / Notes



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