



LAMPEGGIANTI A LED

*Led Beacons*

**YRIS**



## Legenda simboli

### Icons legend



Soccorso stradale  
*Rescue*



Macchine movimento terra  
*Earth moving machines*



Furgoni  
*Vans*



Autogru  
*Cranes*



Spazzatrici stradali  
*Road sweepers*



Trattori  
*Tractors*



Macchine da raccolta  
*Harvest machineries*



Autobus  
*Buses*



Automobili  
*Cars*

# Lampeggianti a Led / Led Beacons

## YRIS



	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
	Sorgenti luminose <i>Light sources</i>	LEDs
	Grado di protezione <i>Sealing degree</i>	IP67, IPX9K
	Temperatura di funzionamento <i>Operating temperature</i>	- 40 °C ÷ + 60 °C (Con riduzione di intensità in sovratemperatura / <i>Intensity derating in overtemperature</i> )
	Temperatura di stoccaggio <i>Storage temperature</i>	- 40 °C ÷ + 85 °C
	Omologazione <i>Homologation</i>	ECE R10, ECE R65 class 1 (TA1 / TB1 / TR1) SAE J845
<b>EMC</b>	Compatibilità elettromagnetica <i>Electromagnetic compatibility</i>	CISPR 25 class 5 (except some bands, see technical specification SP-35-4000-0000)



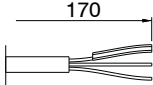
# Base Piana - 3 Viti

## Flat Mount - 3 Screws

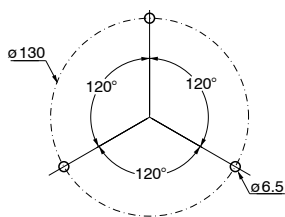
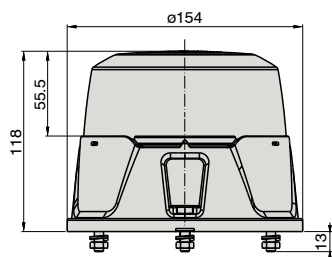
### Funzioni / Functions

- FLASHING
- CRUISE
- SYNCHRO

Lente Ambra / Amber Lens

P/N	Q.ta Q.ty	Volt	Connessione Connection	
<b>1096759</b> 35-4006-0000	1	12 - 24V		Cavo - Cable 170 mm
<b>1098693</b> 35-4011-0000	1	12 - 24V	S/SEAL 3 pins Integrated connector	Includes connector kit <b>1028518 *</b>

Vedi pag.6, 7 / See page 6, 7



### \* 1028518

Compreso nella confezione **1098693** / Included in the package **1098693**



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



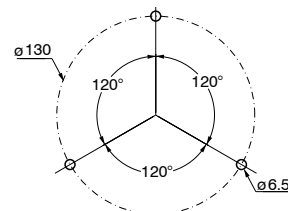
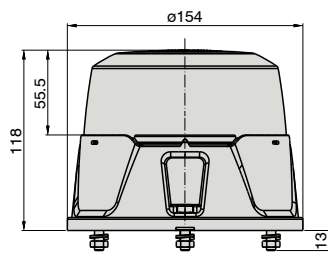
Funzioni / Functions

- FLASHING
- CRUISE
- SYNCHRO

Lente Blu / Blue Lens

P/N	Q.ta Q.ty	Volt	Connessione Connection	
<b>1100713</b> 35-4016-0000	1	12 - 24V	S/SEAL 3 pins Integrated connector	Includes connector kit <b>1028518 *</b>

Vedi pag.6, 7 / See page 6, 7



Funzioni / Functions

- FLASHING
- CRUISE
- SYNCHRO

Lente Rossa / Red Lens

P/N	Q.ta Q.ty	Volt	Connessione Connection	
<b>1100829</b> 35-4020-0000	1	12 - 24V	S/SEAL 3 pins Integrated connector	Includes connector kit <b>1028518 *</b>

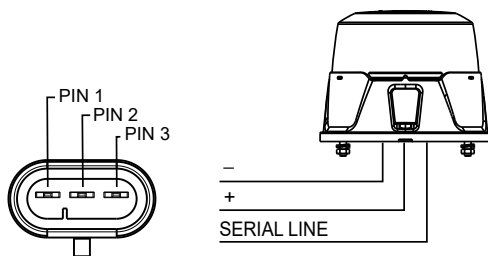
Vedi pag.6, 7 / See page 6, 7

# Funzione CRUISE / Funzione SYNCHRO

## CRUISE function / SYNCHRO function

### COLLEGAMENTI ED ESEMPI DI APPLICAZIONI CONNECTIONS AND APPLICATION EXAMPLES

PIN	Function
1	SERIAL LINE
2	+
3	-

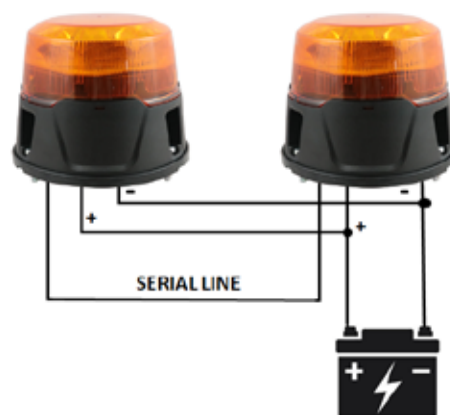


SERIAL LINE	Function
Not connected	Double Flashing (standard mode)
Connected to other SERIAL LINE	Double Flashing, Synchronized
Connected to - (GND)	Cruise

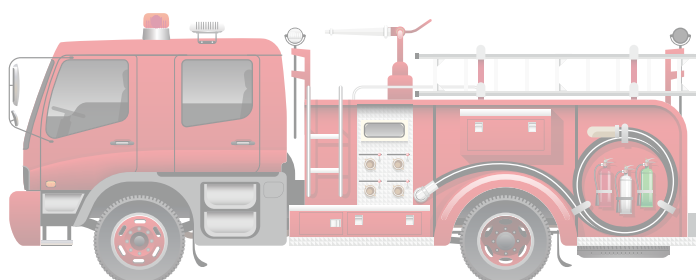
### CRUISE FUNCTION



### SYNCHRONIZATION MODE



### FLASHING MODE (STANDARD)





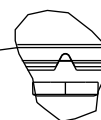
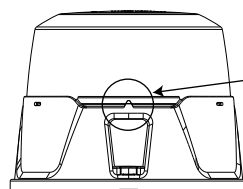
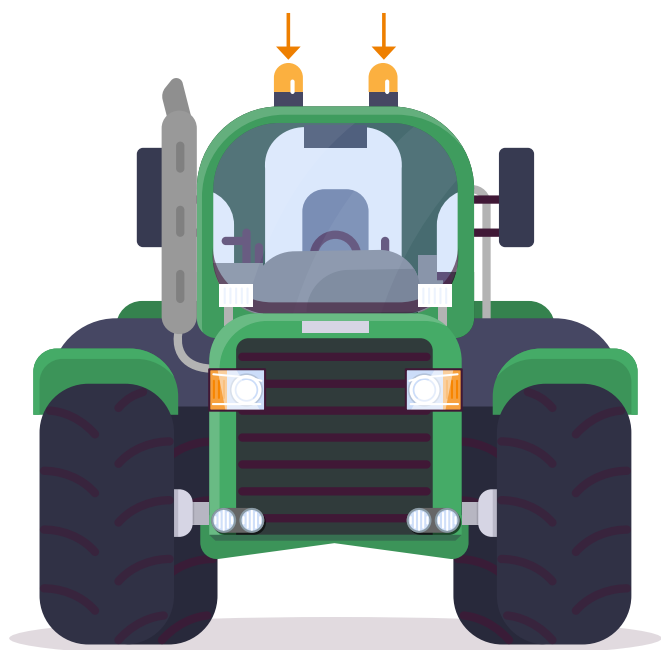
## SINCRONIZZAZIONE

Posizione di montaggio per sincronizzazione di 2, 3 o 4 lampeggianti

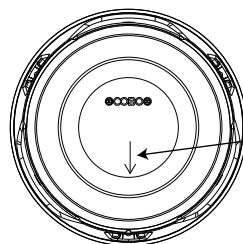
## SYNCHRONIZATION

Mounting position for synchronization of 2, 3 or 4 beacons

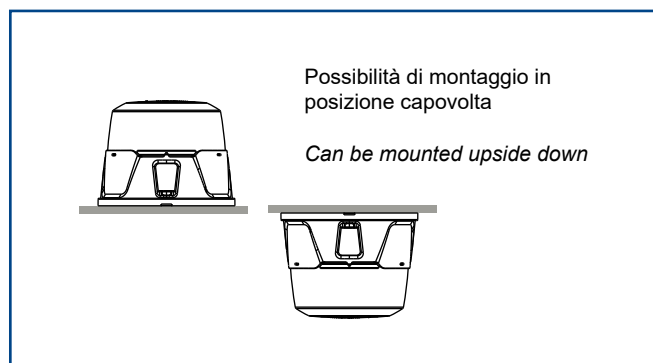
### SINCRONIZZAZIONE SYNCHRONIZATION



Il dente permette il corretto allineamento tra le lampade  
*The tooth allows the correct alignment between the lamps*



Indicazione grafica della direzione di movimento del veicolo  
*Graphic indication of the motion direction of the vehicle*



Possibilità di montaggio in posizione capovolta

*Can be mounted upside down*



## Base Flessibile con Innesto Tubolare

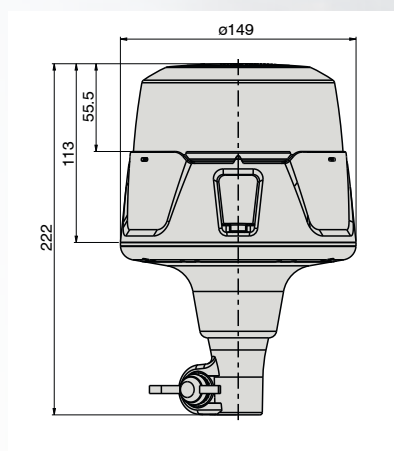
*Flexible Pipe Mount*

Funzione / Function

• **FLASHING**

Lente Ambra / Amber Lens

P/N	Q.ta Q.ty	Volt	Connessione Connection
<b>1096760</b> 35-4005-0000	1	12 - 24V	Spina DIN DIN plug





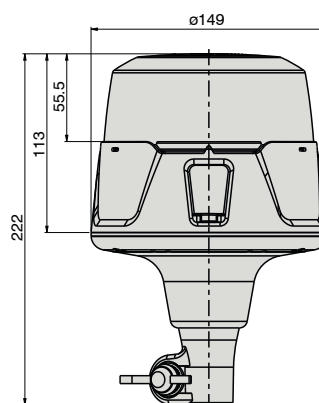


Funzione / Function

• FLASHING

Lente Blu / Blue Lens

P/N	Q.ta Q.ty	Volt	Connessione Connection
<b>1100662</b> 35-4017-0000	1	12 - 24V	Spina DIN DIN plug



Funzione / Function

• FLASHING

Lente Rossa / Red Lens

P/N	Q.ta Q.ty	Volt	Connessione Connection
<b>1100830</b> 35-4021-0000	1	12 - 24V	Spina DIN DIN plug



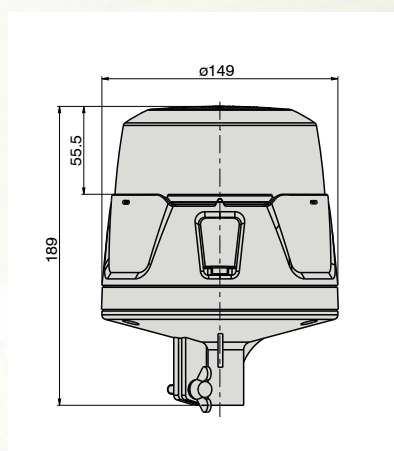
## Innesto Tubolare *Pipe Mount*

Funzione / Function

• **FLASHING**

Lente Ambra / Amber Lens

P/N	Q.ta Q.ty	Volt	Connessione Connection
<b>1097416</b> 35-4008-0000	1	12 - 24V	Spina DIN DIN plug



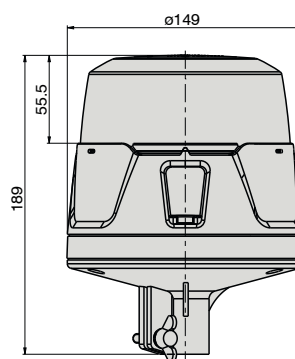


Funzione / *Function*

• **FLASHING**

Lente Blu / *Blue Lens*

P/N	Q.ta Q.ty	Volt	Connessione Connection
<b>1100769</b> 35-4018-0000	1	12 - 24V	Spina DIN DIN plug



Funzione / *Function*

• **FLASHING**

Lente Rossa / *Red Lens*

P/N	Q.ta Q.ty	Volt	Connessione Connection
<b>1100831</b> 35-4022-0000	1	12 - 24V	Spina DIN DIN plug





## Base Magnetica *Magnetic Mount*

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

Funzione / *Function*

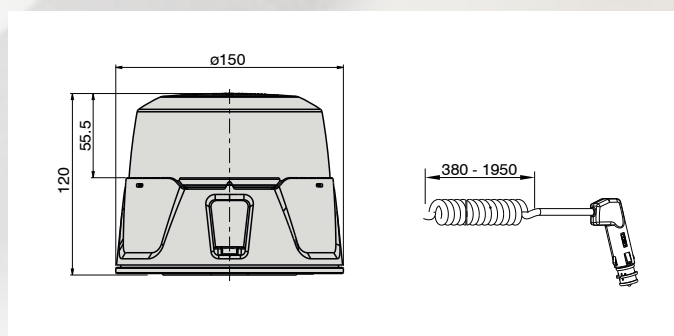
### • FLASHING

Lente Ambra / *Amber Lens*

P/N	Q.ta Q.ty	Volt	Connessione Connection
<b>1097417</b> 35-4009-0000	1	12 - 24V	Spina con cavo spiralato <i>Plug with coiled cable</i> 1,95 m max



3 Magneti al Neodimio  
3 *Neodymium magnets*



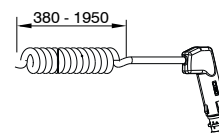
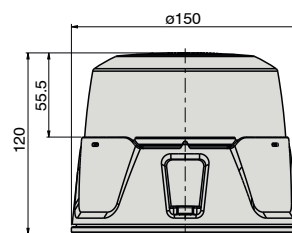
Funzione / Function

• FLASHING

Lente Blu / Blue Lens



P/N	Q.ta Q.ty	Volt	Connessione Connection
<b>1100714</b> 35-4019-0000	1	12 - 24V	Spina con cavo spiralato Plug with coiled cable 1,95 m max



Funzione / Function

• FLASHING

Lente Rossa / Red Lens



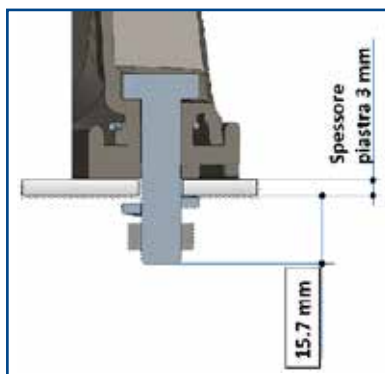
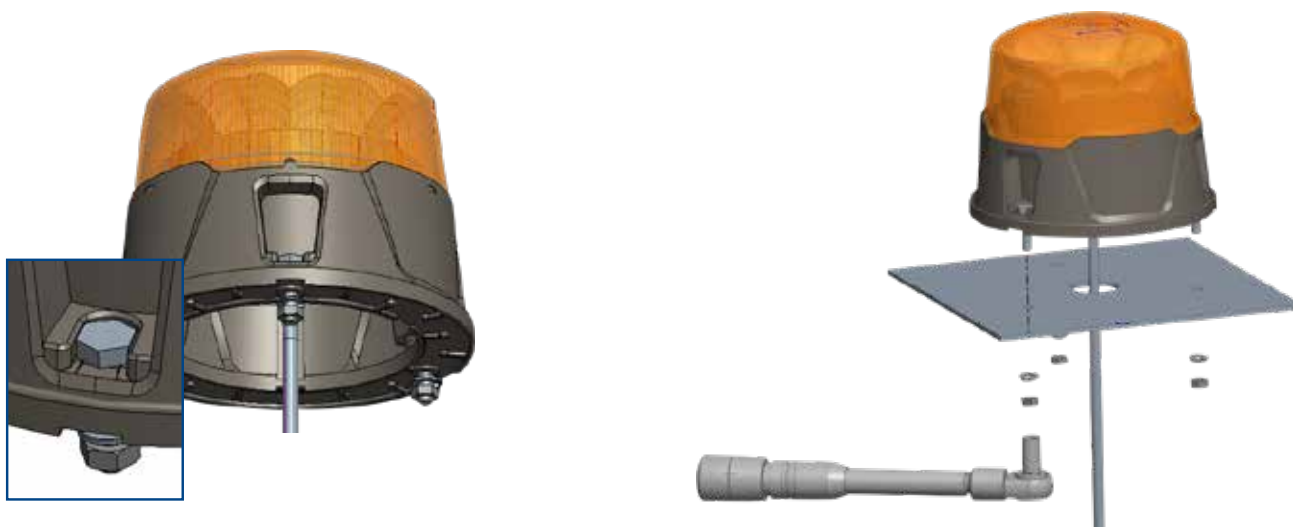
P/N	Q.ta Q.ty	Volt	Connessione Connection
<b>1100832</b> 35-4023-0000	1	12 - 24V	Spina con cavo spiralato Plug with coiled cable 1,95 m max



# Istruzioni di Montaggio per Base Piana - 3 Viti

## Assembly Instructions for Flat Mount - 3 Screws

### FISSAGGIO DA SOTTO FIXING FROM BELOW



MAX SPORGENZA VITE DA PIASTRA  
MAX SCREW PROTRUSION FROM PLATE

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

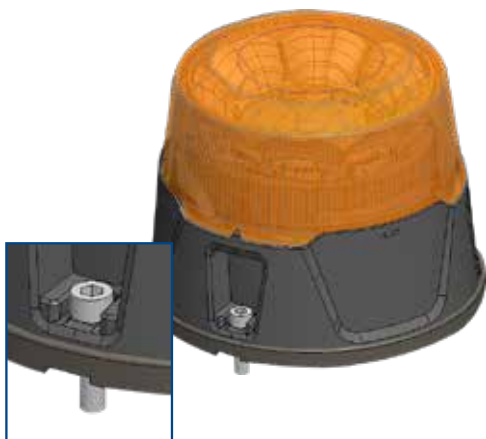
Si consiglia l'utilizzo di dadi autobloccanti secondo UNI 7473 e UNI 7474

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

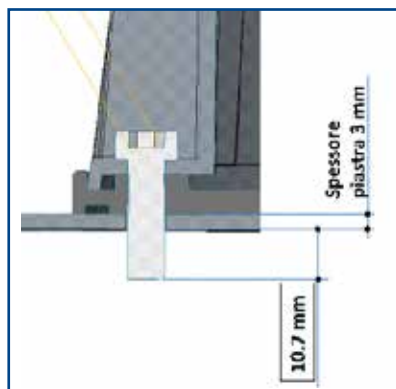
We recommend the use of self-locking nuts according to UNI 7473 and UNI 7474

## FISSAGGIO DA SOPRA FIXING FROM ABOVE

Angolo di lavoro circa 25° rispetto all'asse della vite  
Working angle approximately 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 SPORGENZA VITE DA PIASTRA  
MAX SCREW PROTRUSION FROM PLATE

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

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 mm
Screw head max height	6 mm
Min material resistance class	8.8
Max torque [Nm]	2.5+0-0.5

Il cliente deve fornire la filettatura sulla piastra  
Per serrare la vite utilizzare chiavi esagonali con testa sferica

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

- Testata in galleria del vento in condizioni controllate. Le effettive prestazioni su veicolo sono responsabilità dell'installatore / utilizzatore.
- 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, computer, dispositivi video o audio.
- Non avvicinarsi a grandi masse ferrose o altri magneti.
- Non tenere vicino a fonti di calore.
- L'utilizzatore del veicolo è responsabile del corretto utilizzo del lampeggiante.
- Non avvicinarsi a persone portatrici di strumenti cardiaci stimolatori (pace-maker o simili).
- Il produttore declina qualsiasi responsabilità, diretta e indiretta, in caso di mancato rispetto delle istruzioni o in caso di uso improprio del prodotto.

### WARNINGS

- *Tested in wind tunnel under controlled conditions. The actual performances on the vehicle are responsibility of the installer / user.*
- *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, computer, video or audio devices.*
- *Do not ferrous masses or other magnets.*
- *Do not hold next to sources of heat.*
- *The driver is responsible for the correct use of the beacon.*
- *Do not approach to people bearing stimulation cardiac instruments (pace-maker or similar).*
- *The manufacturer declines any responsibility and liability if the instructions are not observed or in case of the improper use of the product.*

## Versioni di Innesti Tubolari

### Pipe Mount Versions

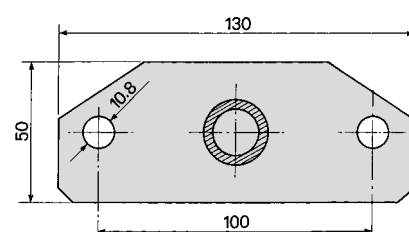
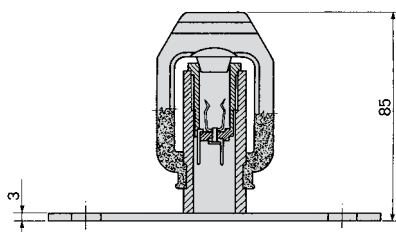


Fissaggio con supporto / Fixing with support (ISO 4165:2001)	Base flessibile con innesto tubolare <i>Flexible pipe mount</i>	Innesto tubolare <i>Pipe mount</i>
Peso / Weight	630 g	490 g
Grado di protezione / Sealing degree	IP4K4K	
Coppia di serraggio consigliata [Nm] <i>Recommended tightening torque [Nm]</i>	8	

#### INNESTO TUBOLARE A PIASTRA PIPE MOUNT WITH PLATE

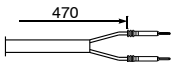


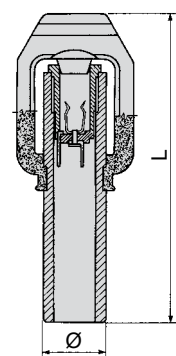
P/N	Q.ta Q.ty
<b>1031161</b> 35-227-0000	4



#### INNESTO TUBOLARE A SALDARE PIPE MOUNT FOR WELDING



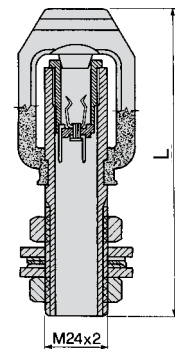
P/N	Q.ta Q.ty	Ø	L	Connessione Connection
<b>1030803</b> <b>1030804</b> 35-001-420	2 20	24	125	
<b>1030836</b> 35-001-920	20	20	122	
<b>1030821</b> <b>1030822</b> 35-001-530	2 20	24	285	 Terminali maschi <i>Male terminals</i> sez. 0,75 - 1,5



**INNESTO TUBOLARE CON VITE**  
*PIPE MOUNT WITH SCREW*



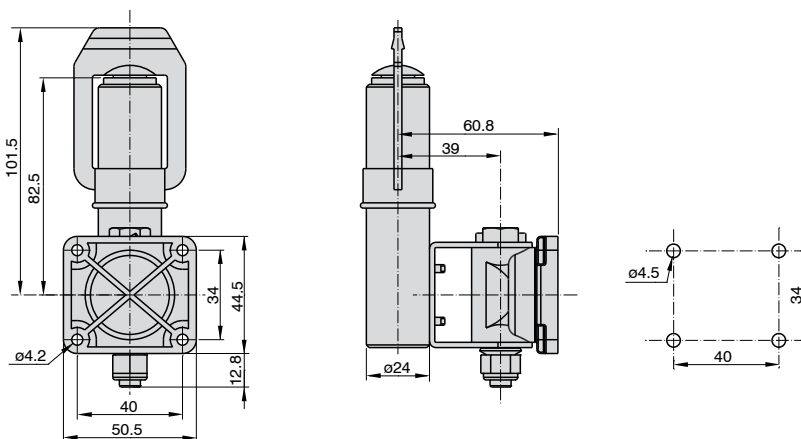
P/N	Q.ta Q.ty	L	Connessione Connection	
<b>1030818</b> <b>1030819</b> 35-001-527	2 15	125		
<b>1030815</b> <b>1030816</b> 35-001-520	2 15	170		
<b>1030833</b> 35-001-600	10	170		Spina unipolare Single pole plug
<b>1030834</b> 35-001-700	10	170		Spina unipolare Single pole plug
<b>1030824</b> 35-001-540	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



**INNESTO TUBOLARE A BRACCETTO 39 mm**  
*PIPE MOUNT WITH ARM 39 mm*



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







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