



HMI

Human-Machine Interface
DEVICES





FINGERTIP

JOYSTICK CONTROLLERS

- Design compatto per una facile installazione sopra i pannelli
- Disposizione in parallelo nel minor spazio possibile di installazione
- L'angolo dell'attuatore e l'area di appoggio del dito progettate per una migliore ergonomia
- Testato per 5 milioni di cicli
- Tecnologia sensore Hall-effect
- Grado di protezione IP66 durante l'utilizzo
- Uscita ridondata per sicurezza
- Cover colorate intercambiabili
- Simboli retroilluminati
- 4 Posizioni leva

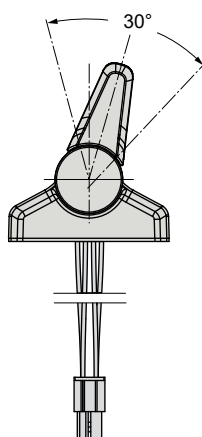
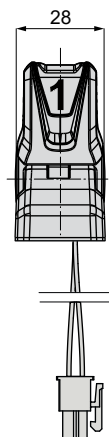
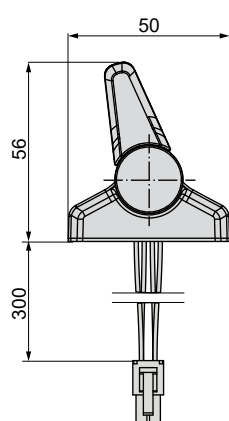
- *Compact design for simple "on top" installation in control panels*
- *Parallel arrangement in the tightest installation spaces possible*
- *Angled actuator finger rest for optimum ergonomics*
- *Rated for 5 million cycles*
- *Hall-effect sensor technology*
- *Sealed to IP66 in use*
- *Redundant output for safety*
- *Interchangeable colored covers*
- *Backlit symbols*
- *4 Lever positions*

SPECIFICHE TECNICHE

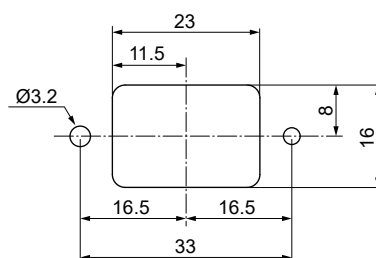
Technical specifications

- Alimentazione: 5V
- Connettore: MOLEX MINI-FIT 4 e 6 vie
- Assorbimento di corrente: 20mA @ 5V
- Singola uscita analogica
- Doppia uscita analogica semi ridondante
- Doppia uscita analogica ridondante
- Inversione di polarità: protetto
- Grado di protezione:
parte superiore IP66+9
parte inferiore IP54
- Cover estetico colorato
- Simboli intercambiabili
- Simboli retroilluminati - LED bianco
- Temperatura di funzionamento: - 40° C ÷ + 85° C
- Compatibilità elettromagnetica (EMC): DIN EN ISO 13309 - 13766

- *Power supply: 5V*
- *Connector: MOLEX MINI-FIT 4 and 6 pins*
- *Current consumption: 20mA @ 5V*
- *Single analogue output*
- *Dual analogue output semi redundant*
- *Dual analogue output redundant*
- *Load dump: protected*
- *Sealing degree:
upper part IP66+9
lower part IP54*
- *Aesthetic colored cover*
- *Interchangeable symbols*
- *Backlit symbols - white LED*
- *Operating temperature: - 40° C ÷ + 85° C*
- *Electromagnetic compatibility (EMC): DIN EN ISO 13309 - 13766*



Foratura di applicazione
Fixing hole



FINGERTIP

JOYSTICK CONTROLLERS

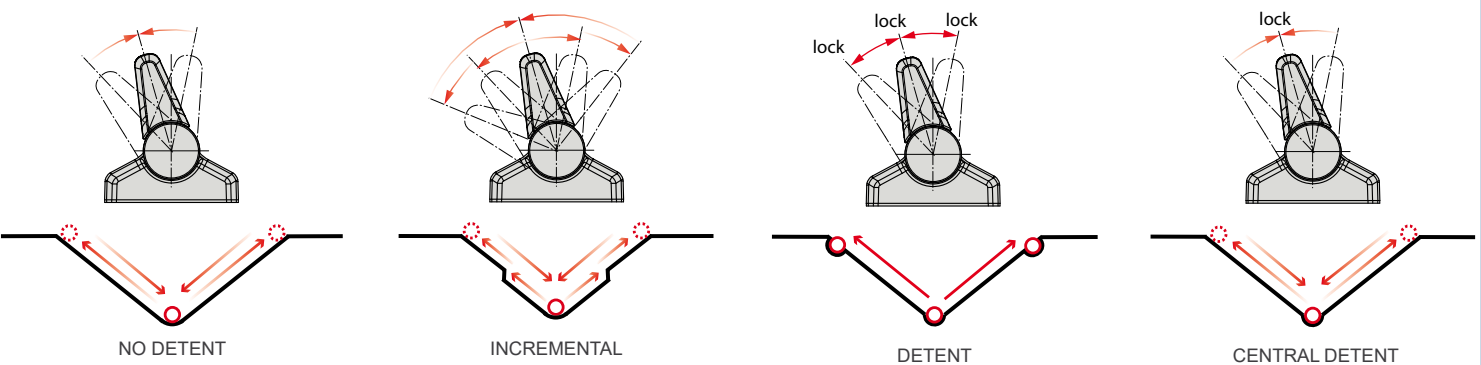


P/N Pkg Q.ty: 1	Posizioni leva Toggle position	Uscita Output	Schema elettrico Wiring diagram	Connettore cablaggio Pigtail connector	Connettore controparte Mating connector
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1078788 42.0139.1000	NO DETENT				
1079439 42.0139.2000	INCREMENTAL	Singola uscita analogica <i>Single analogue output</i>		 MINI-FIT 4 vie / 4 pins: Connettore / Connector P/N COBO 3009542 (XE0801968) P/N MOLEX 39-01-2040	 MINI-FIT 4 vie / 4 pins: Connettore controparte Mating connector P/N COBO 1083473 (XE0801978) P/N MOLEX 39-01-2041
1079441 42.0139.3000	DETENT				OPTIONAL KIT Connettore controparte Mating connector P/N COBO 1083585 (27.1034.0000)
1082414 42.0139.4000	CENTRAL DETENT				

1079443 42.0144.1000	NO DETENT				
1079445 42.0144.2000	INCREMENTAL	Doppia uscita analogica semi ridondante <i>Single analogue output semi redundant</i>			
1079447 42.0144.3000	DETENT				
1082416 42.0144.4000	CENTRAL DETENT				
1079449 42.0145.1000	NO DETENT				

1079451 42.0145.2000	INCREMENTAL	Doppia uscita analogica ridondante <i>Dual analogue output redundant</i>			
1079453 42.0145.3000	DETENT				
1082419 42.0145.4000	CENTRAL DETENT				











Simboli retroilluminati - LED bianco
Backlit symbols - white LED

P/N	P/N
 1083700 42.0139.0020 Pkg Q.ty: 10	 1083707 42.0139.0027 Pkg Q.ty: 10
 1083701 42.0139.0021 Pkg Q.ty: 10	 1083708 42.0139.0028 Pkg Q.ty: 10
 1083702 42.0139.0022 Pkg Q.ty: 10	 1083709 42.0139.0029 Pkg Q.ty: 10
 1083703 42.0139.0023 Pkg Q.ty: 10	 1083710 42.0139.0030 Pkg Q.ty: 10
 1083704 42.0139.0024 Pkg Q.ty: 10	 1089568 42.0139.0031 Pkg Q.ty: 10
 1083705 42.0139.0025 Pkg Q.ty: 10	 1089569 42.0139.0032 Pkg Q.ty: 10
 1083706 42.0139.0026 Pkg Q.ty: 10	

Variante con finitura **SOFT TOUCH**
*Variant with **SOFT TOUCH** finish*

Cover estetico colorato
Aesthetic colored cover
ANSI Z535

	P/N
Safety RED	 1083711 42.0139.0040 Pkg Q.ty: 5
Safety ORANGE	 1083712 42.0139.0044 Pkg Q.ty: 5
Safety YELLOW	 1083713 42.0139.0045 Pkg Q.ty: 5
Safety GREEN	 1083714 42.0139.0046 Pkg Q.ty: 5
Safety BLUE	 1083715 42.0139.0047 Pkg Q.ty: 5
Safety PURPLE	 1083716 42.0139.0048 Pkg Q.ty: 5
Safety WHITE	 1083717 42.0139.0049 Pkg Q.ty: 5
Safety BLACK	 1083718 42.0139.0050 Pkg Q.ty: 5



P/N 1083952














Espositore cover e simboli Fingertip
Fingertip symbols and covers display



CONTENUTO ESPOSITORE
DISPLAY CONTENT

Cover estetico colorato
Aesthetic colored cover
ANSI Z535

Simboli retroilluminati
Backlit symbols

P/N	P/N
 1083711 42.0139.0040 n° 1 Pkg Q.ty: 5	 1083700 42.0139.0020 n° 2 Pkg Q.ty: 10
 1083712 42.0139.0044 n° 1 Pkg Q.ty: 5	 1083701 42.0139.0021 n° 1 Pkg Q.ty: 10
 1083713 42.0139.0045 n° 1 Pkg Q.ty: 5	 1083702 42.0139.0022 n° 1 Pkg Q.ty: 10
 1083714 42.0139.0046 n° 1 Pkg Q.ty: 5	 1083703 42.0139.0023 n° 1 Pkg Q.ty: 10
 1083715 42.0139.0047 n° 1 Pkg Q.ty: 5	 1083704 42.0139.0024 n° 1 Pkg Q.ty: 10
 1083716 42.0139.0048 n° 1 Pkg Q.ty: 5	 1083705 42.0139.0025 n° 1 Pkg Q.ty: 10
 1083717 42.0139.0049 n° 1 Pkg Q.ty: 5	 1083706 42.0139.0026 n° 1 Pkg Q.ty: 10
 1083718 42.0139.0050 n° 1 Pkg Q.ty: 5	 1083707 42.0139.0027 n° 1 Pkg Q.ty: 10
	 1083708 42.0139.0028 n° 1 Pkg Q.ty: 10
	 1083709 42.0139.0029 n° 1 Pkg Q.ty: 10
	 1083710 42.0139.0030 n° 1 Pkg Q.ty: 10

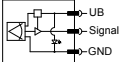
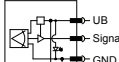
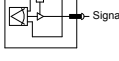
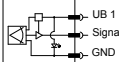
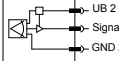


P/N 1085477

Espositore Fingertip Fingertip display



CONTENUTO ESPOSITORE DISPLAY CONTENT

P/N	Posizioni leva Toggle position	Schema elettrico Wiring diagram
1078788 42.0139.1000 n° 2 Pkg Q.ty: 1	NO DETENT	
1079439 42.0139.2000 n° 1 Pkg Q.ty: 1	INCREMENTAL	
1079441 42.0139.3000 n° 1 Pkg Q.ty: 1	DETENT	
1082414 42.0139.4000 n° 1 Pkg Q.ty: 1	CENTRAL DETENT	
1079443 42.0144.1000 n° 1 Pkg Q.ty: 1	NO DETENT	
1079445 42.0144.2000 n° 1 Pkg Q.ty: 1	INCREMENTAL	
1079447 42.0144.3000 n° 1 Pkg Q.ty: 1	DETENT	
1082416 42.0144.4000 n° 1 Pkg Q.ty: 1	CENTRAL DETENT	
1079449 42.0145.1000 n° 1 Pkg Q.ty: 1	NO DETENT	
1079451 42.0145.2000 n° 1 Pkg Q.ty: 1	INCREMENTAL	
1079453 42.0145.3000 n° 2 Pkg Q.ty: 1	DETENT	
1082419 42.0145.4000 n° 1 Pkg Q.ty: 1	CENTRAL DETENT	



Esempi di composizione fingertip *Examples of fingertip composition*

Simboli retroilluminati
Backlit symbols





Esempio di applicazione
Example of application



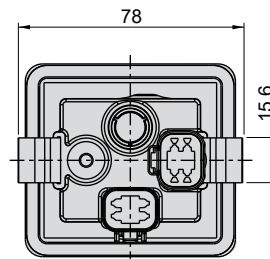
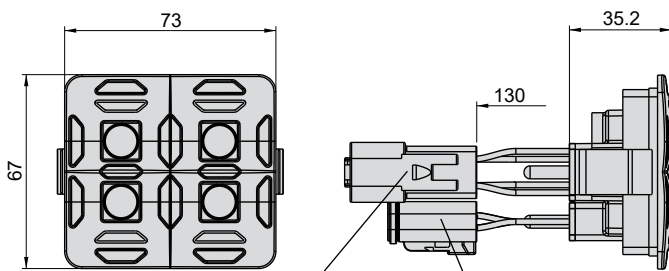
KEYPAD CAN BUS

4 funzioni e simboli retroilluminati / 4 functions and backlit symbols

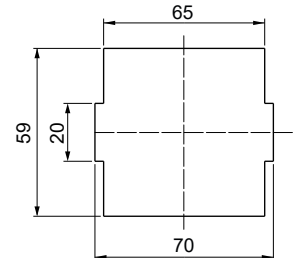
SPECIFICHE TECNICHE

Technical specifications

- Alimentazione: 8 - 32V
 - Connettore: DEUTSCH 4 vie a tenuta
 - Protezione terminali
 - Connessione: doppio CAN BUS
 - Grado di protezione: IP67 parte superiore quando installato
 - Fissaggio dall'alto: molle o perni filettati M5
 - 4 funzioni: LED rgb (rosso, verde, blu, ambra)
 - Simboli retroilluminati - LED bianco (doppio LED)
 - Simboli intercambiabili
 - Temperatura di funzionamento: - 40° C ÷ + 85° C
- Power supply: 8 - 32V
 - Connector: DEUTSCH 4 pins sealed
 - Terminal protection
 - Connection: double CAN BUS
 - Sealing degree: IP67 top portion when installed
 - Top fixed: springs or M5 threaded pivots
 - 4 functions: rgb LED (red, green, blue, orange)
 - Backlit symbols - white LED (double LED)
 - Interchangeable symbols
 - Operating temperature: - 40° C ÷ + 85° C



Foratura di applicazione
Fixing hole



DEUTSCH 4 vie / 4 pins:
Connettore / Connector
P/N COBO **3009652** (XE0802530)
Connettore controparte
Mating connector
P/N COBO **3009671** (XE0802574)

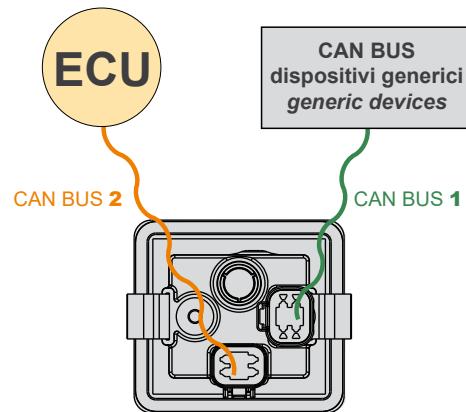
DEUTSCH 4 vie / 4 pins:
Connettore / Connector
P/N COBO **3009671** (XE0802574)
Connettore controparte
Mating connector
P/N COBO **3009652** (XE0802530)

OPTIONAL KIT
Connettore controparte
Mating connector
P/N COBO **1028522** (27.0907.0000)

OPTIONAL KIT
Connettore controparte
Mating connector
P/N COBO **1028523** (27.0907.5000)



KEYPADS modulabili / modular



vista posteriore KEYPAD
KEYPAD rear view

Fornita senza simboli
Supplied without symbols



P/N	Pkg Q.ty
1093557 32.0406.0000	1

Vedi simboli retroilluminati pagina 14-15
See backlit symbols on page 14-15



**color LED rgb customizable
by CAN BUS**



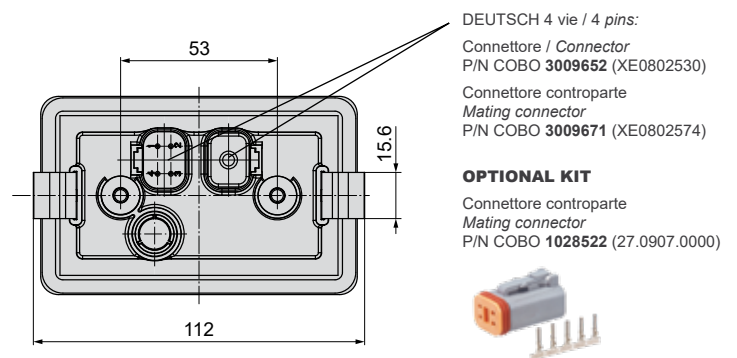
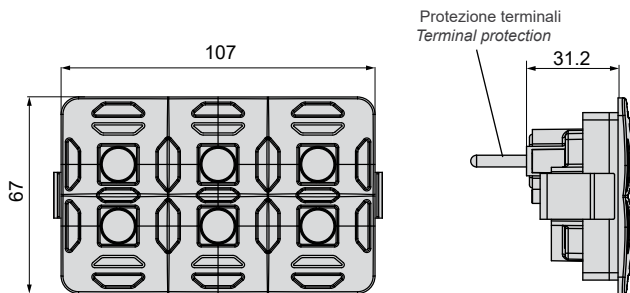
KEYPAD CAN BUS

6 funzioni e simboli retroilluminati / 6 functions and backlit symbols

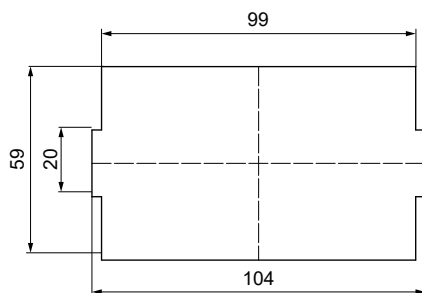
SPECIFICHE TECNICHE

Technical specifications

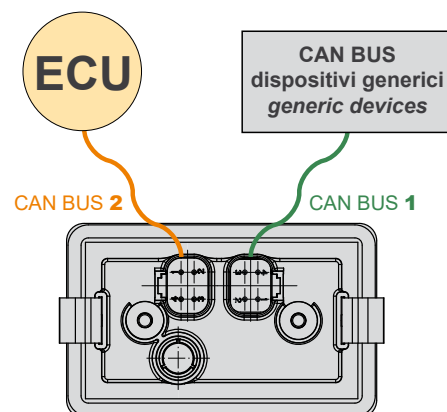
- Alimentazione: 8 - 32V
 - Connettore: DEUTSCH 4 vie a tenuta
 - Protezione terminali
 - Connessione: doppio CAN BUS
 - Grado di protezione: IP67 parte superiore quando installato
 - Fissaggio dall'alto: molle o perni filettati M5
 - 6 funzioni: LED rgb (rosso, verde, blu, ambra)
 - Simboli retroilluminati - LED bianco (doppio LED)
 - Simboli intercambiabili
 - Temperatura di funzionamento: - 40° C ÷ + 85° C
- Power supply: 8 - 32V
 - Connector: DEUTSCH 4 pins sealed
 - Terminal protection
 - Connection: double CAN BUS
 - Sealing degree: IP67 top portion when installed
 - Top fixed: springs or M5 threaded pivots
 - 6 functions: rgb LED (red, green, blue, orange)
 - Backlit symbols - white LED (double LED)
 - Interchangeable symbols
 - Operating temperature: - 40° C ÷ + 85° C



Foratura di applicazione
Fixing hole



KEYPADS modulabili / modular



vista posteriore KEYPAD
KEYPAD rear view

Fornita senza simboli
Supplied without symbols



P/N	Pkg Q.ty
1093481 32.0390.4000	1

Vedi simboli retroilluminati pagina 14-15
See backlit symbols on page 14-15
































**color LED rgb customizable
by CAN BUS**





KEYPAD CAN BUS


Simboli retroilluminati - LED bianco / Backlit symbols - white LED


P/N	P/N	P/N	P/N
 1084895 32.0390.0020 Pkg Q.ty: 10	 1087674 32.0390.0032 Pkg Q.ty: 10	 1089600 32.0390.0043 Pkg Q.ty: 10	 1090285 32.0390.0054 Pkg Q.ty: 10
 1084896 32.0390.0021 Pkg Q.ty: 10	 1087675 32.0390.0033 Pkg Q.ty: 10	 1089601 32.0390.0044 Pkg Q.ty: 10	 1090286 32.0390.0055 Pkg Q.ty: 10
 1084897 32.0390.0022 Pkg Q.ty: 10	 1087676 32.0390.0034 Pkg Q.ty: 10	 1089602 32.0390.0045 Pkg Q.ty: 10	 1090287 32.0390.0056 Pkg Q.ty: 10
 1084898 32.0390.0023 Pkg Q.ty: 10	 1087677 32.0390.0035 Pkg Q.ty: 10	 1089603 32.0390.0046 Pkg Q.ty: 10	 1090288 32.0390.0057 Pkg Q.ty: 10
 1084899 32.0390.0024 Pkg Q.ty: 10	 1089174 32.0390.0036 Pkg Q.ty: 10	 1089604 32.0390.0047 Pkg Q.ty: 10	 1090289 32.0390.0058 Pkg Q.ty: 10
 1084900 32.0390.0025 Pkg Q.ty: 10	 1089176 32.0390.0037 Pkg Q.ty: 10	 1089605 32.0390.0048 Pkg Q.ty: 10	 1090290 32.0390.0059 Pkg Q.ty: 10
 1084901 32.0390.0026 Pkg Q.ty: 10	 1089177 32.0390.0038 Pkg Q.ty: 10	 1089606 32.0390.0049 Pkg Q.ty: 10	 1090291 32.0390.0060 Pkg Q.ty: 10
 1084902 32.0390.0027 Pkg Q.ty: 10	 1089270 32.0390.0039 Pkg Q.ty: 10	 1089999 32.0390.0050 Pkg Q.ty: 10	 1090292 32.0390.0061 Pkg Q.ty: 10
 1084903 32.0390.0028 Pkg Q.ty: 10	 1089271 32.0390.0040 Pkg Q.ty: 10	 1090000 32.0390.0051 Pkg Q.ty: 10	 1090293 32.0390.0062 Pkg Q.ty: 10
 1084904 32.0390.0029 Pkg Q.ty: 10	 1089272 32.0390.0041 Pkg Q.ty: 10	 1090283 32.0390.0052 Pkg Q.ty: 10	 1090294 32.0390.0063 Pkg Q.ty: 10
 1084905 32.0390.0030 Pkg Q.ty: 10	 1089273 32.0390.0042 Pkg Q.ty: 10	 1090284 32.0390.0053 Pkg Q.ty: 10	 1090686 32.0390.0064 Pkg Q.ty: 10


- 


1090687
32.0390.0065
Pkg Q.ty: 10
- 


1090688
32.0390.0066
Pkg Q.ty: 10
- 


1091295
32.0390.0067
Pkg Q.ty: 10
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1091296
32.0390.0068
Pkg Q.ty: 10
- 


1091297
32.0390.0069
Pkg Q.ty: 10
- 

1091298
32.0390.0070
Pkg Q.ty: 10
- 


1091299
32.0390.0071
Pkg Q.ty: 10
- 


1092024
32.0390.0072
Pkg Q.ty: 10
- 


1092050
32.0390.0073
Pkg Q.ty: 10
- 


1092051
32.0390.0074
Pkg Q.ty: 10
- 


1092052
32.0390.0075
Pkg Q.ty: 10


- 


1092053
32.0390.0076
Pkg Q.ty: 10
- 


1092054
32.0390.0077
Pkg Q.ty: 10
- 


1092055
32.0390.0078
Pkg Q.ty: 10
- 


1092057
32.0390.0079
Pkg Q.ty: 10
- 

1092058
32.0390.0080
Pkg Q.ty: 10
- 

1092059
32.0390.0081
Pkg Q.ty: 10
- 

1092060
32.0390.0082
Pkg Q.ty: 10
- 

1092061
32.0390.0083
Pkg Q.ty: 10
- 

1092062
32.0390.0084
Pkg Q.ty: 10
- 

1093240
32.0390.0085
Pkg Q.ty: 10

4 funzioni
4 functions



6 funzioni
6 functions



KEYPAD B-MMI

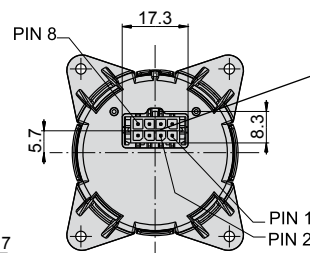
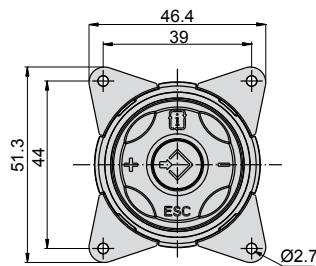
5 funzioni e simboli retroilluminati / 5 functions and backlit symbols

SPECIFICHE TECNICHE

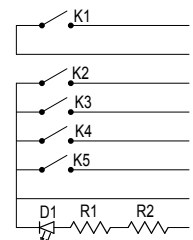
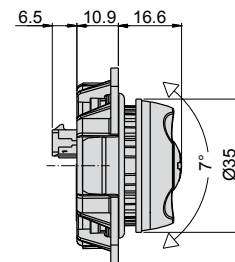
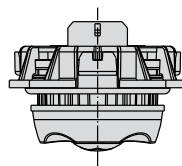
Technical specifications

- Alimentazione: 12V
- Connettore: MOLEX MICRO-FIT 8 vie
- Grado di protezione: IP54
- Fissaggio posteriore: 4 viti, molle o perni filettati M5
- 5 funzioni: + COMMAND, - COMMAND, INFO, ENTER, ESCAPE
- Simboli retroilluminati - LED bianco
- Temperatura di funzionamento: - 40° C ÷ + 70° C
- Power supply: 12V
- Connector: MOLEX MICRO-FIT 8 pins
- Sealing degree: IP54
- Back fixed: 4 screws, springs or M5 threaded pivots
- 5 functions: + COMMAND, - COMMAND, INFO, ENTER, ESCAPE
- Backlit symbols - white LED
- Operating temperature: - 40° C ÷ + 70° C

Versione fissaggio 4 viti 4 screws fixing version

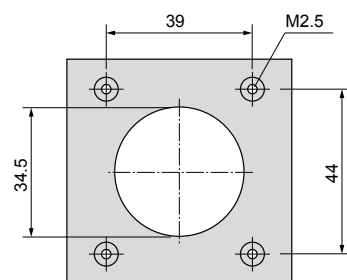
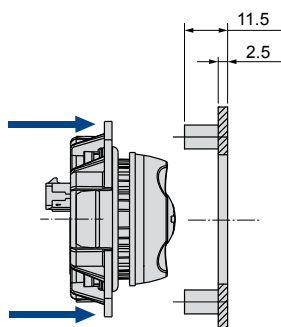


MICRO-FIT 8 vie / 8 pins:
Connettore / Connector
P/N COBO 3035076 (XE0806661)
P/N MOLEX 43045-0818
Connettore controparte
Mating connector
P/N COBO 3022970 (XE0801863)
P/N MOLEX 43025-0800



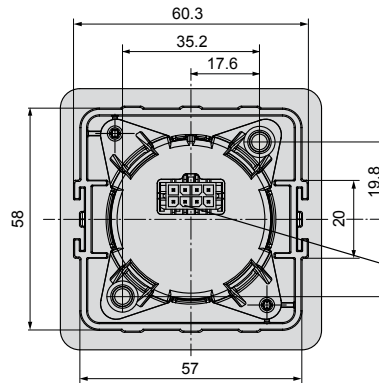
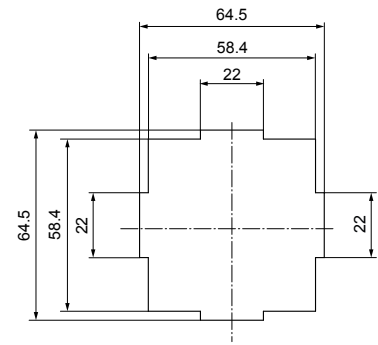
P/N	Pkg Q.ty
1078094 34.0209.0000	1
1076496 34.0209.0000	30

Foratura di applicazione
Fixing hole





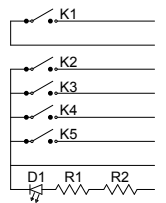
Foratura di applicazione
Fixing hole



MICRO-FIT 8 vie / 8 pins:

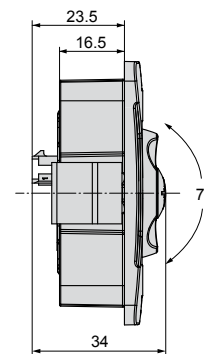
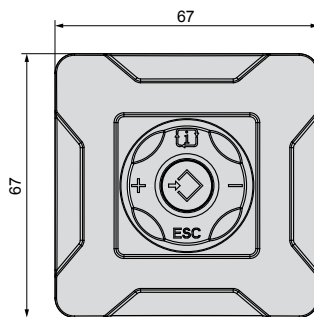
Connettore / Connector
P/N COBO **3035076** (XE0806661)
P/N MOLEX 43045-0818

Connettore controparte
Mating connector
P/N COBO **3022970** (XE0801863)
P/N MOLEX 43025-0800



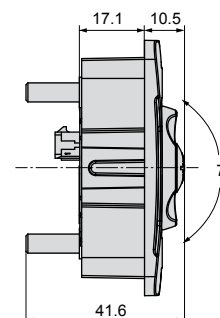
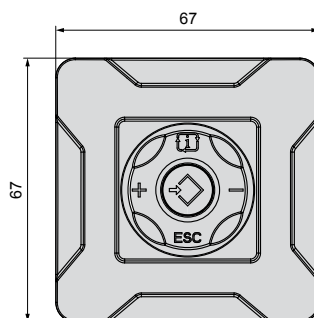
Versione fissaggio a molle
Springs fixing version

P/N	Pkg Q.ty
1081635 34.0217.0000	1



Versione fissaggio a perni filettati M5
M5 threaded pivots fixing version

P/N	Pkg Q.ty
1081132 34.0216.0000	1



KEYPAD CAN BUS

7 funzioni e simboli retroilluminati / 7 functions and backlit symbols

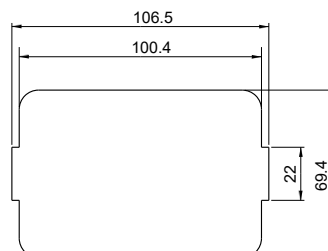
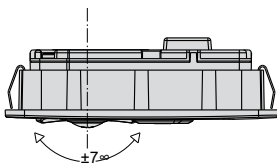
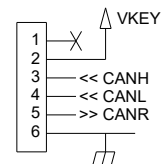
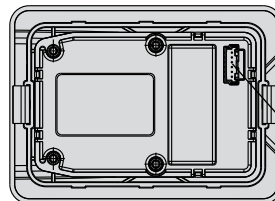
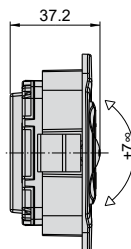
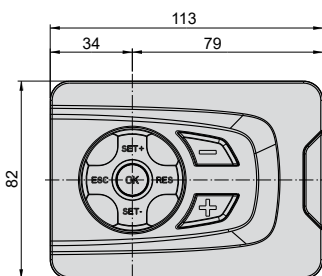
SPECIFICHE TECNICHE

Technical specifications

- Alimentazione: 24V
 - Connettore: MOLEX DURACLICK 6 vie
 - Grado di protezione: IP54
 - Fissaggio posteriore: molle
 - 7 funzioni: + COMMAND, - COMMAND, OK, ESCAPE, RESET, SET+, SET-
 - Simboli retroilluminati - LED bianco
 - Temperatura di funzionamento: - 40° C ÷ + 70° C
- Power supply: 24V
 - Connector: MOLEX DURACLICK 6 pins
 - Sealing degree: IP54
 - Back fixed: springs
 - 7 functions: + COMMAND, - COMMAND, OK, ESCAPE, RESET, SET+, SET-
 - Backlit symbols - white LED
 - Operating temperature: - 40° C ÷ + 70° C



P/N	Pkg Q.ty
1091430 32.0399.0000	1



Foratura di applicazione
Fixing hole

DURACLICK 6 vie / 6 pins:
Connettore / Connector
P/N COBO **3035273** (XE0806722)
P/N MOLEX 560020-0620
Connettore controparte
Mating connector
P/N COBO **3035270** (XE0806719)
P/N MOLEX 502351-0600

CAN BUS GATE

B-MMI DEVICE

SPECIFICHE TECNICHE

Technical specifications

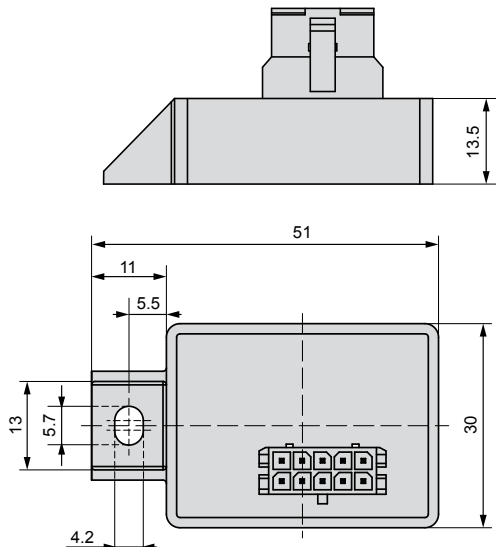
- Alimentazione: 8-32V
- Connettore: MOLEX MINI-FIT 10 vie
- Grado di protezione: IP40
- 5 segnali analogici
- Segnale CAN BUS
- Temperatura di funzionamento: - 40° C ÷ + 70° C

- Power supply: 8-32V
- Connector: MOLEX MINI-FIT 10 pins
- Sealing degree: IP40
- 5 analog signals
- CAN BUS signal
- Operating temperature: - 40° C ÷ + 70° C

P/N	Pkg Q.ty
1085022 34.0215.0000	1
1080958 34.0215.0000	50



MINI-FIT 10 vie / 10 pins:
Connettore / Connector
P/N COBO **3009866** (XE0803744)
P/N MOLEX SD-43045-1018
Connettore controparte
Mating connector
P/N COBO **3009999** (XE0804153)
P/N MOLEX SD-43025-1000



PIN - OUT		LAYOUT CONNETTORE CONNECTOR LAYOUT	
PIN	FUNCTION		
1	MASSA veicolo	6	1
2	CAN H	7	2
3	CAN L	8	3
4	+ KEY	9	4
5	OUT pilot. LED	10	5
6	SWITCH 1		
7	SWITCH 2		
8	SWITCH 3		
9	SWITCH 4		
10	SWITCH 5		

TPR

Touch Push Rotate

SPECIFICHE TECNICHE

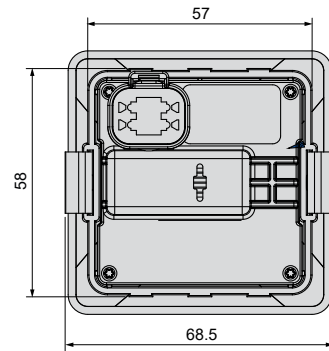
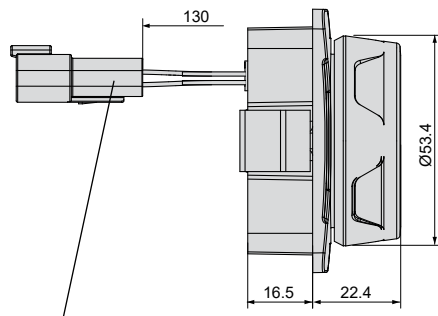
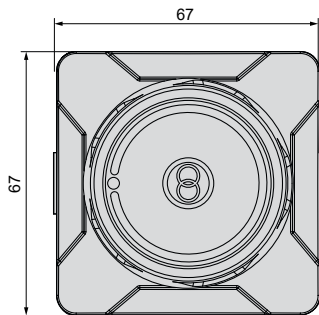
Technical specifications

- Alimentazione: 12 - 24V
- Connettore: DEUTSCH 4 vie a tenuta
- Grado di protezione: IP54 frontale dopo il montaggio
- Segnale CAN BUS
- Fissaggio dall'alto: molle
- LED rgb (rosso, verde, blu, ambra)
- Retroilluminazione dimmerabile
- Temperatura di funzionamento: - 40° C ÷ + 80° C

- Power supply: 12 - 24V
- Connector: DEUTSCH 4 pins sealed
- Sealing degree: IP54 front after assembly
- CAN BUS signal
- Top fixed: springs
- Rgb LED (red, green, blue, orange)
- Dimmable backlight
- Operating temperature: - 40° C ÷ + 80° C



P/N	Pkg Q.ty
1085668 32.0395.0000	1

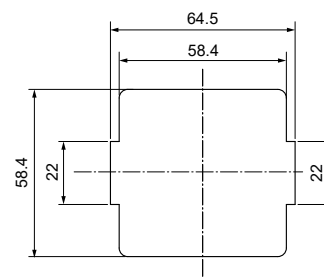


DEUTSCH 4 vie / 4 pins:
Connettore / Connector
P/N COBO **3009652** (XE0802530)
Connettore controparte
Mating connector
P/N COBO **3009671** (XE0802574)

OPTIONAL KIT
Connettore controparte
Mating connector
P/N COBO **1028522** (27.0907.0000)

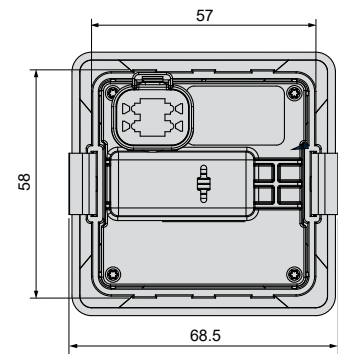
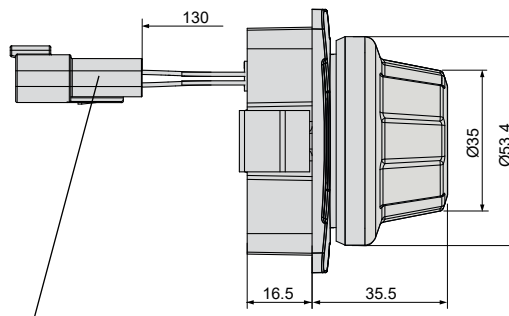
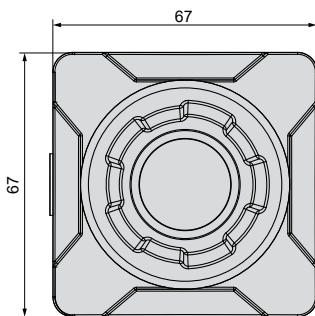


Foratura di applicazione Fixing hole





P/N	Pkg Q.ty
1093478 32.0395.1000	1

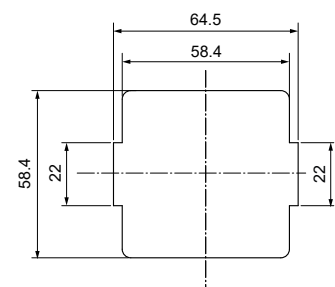


DEUTSCH 4 vie / 4 pins:
 Connettore / Connector
 P/N COBO **3009652** (XE0802530)
 Connettore controparte
 Mating connector
 P/N COBO **3009671** (XE0802574)

OPTIONAL KIT
 Connettore controparte
 Mating connector
 P/N COBO **1028522** (27.0907.0000)



Foratura di applicazione
Fixing hole



ARMRESTS

BM5

- Pensato per essere facilmente integrato in una vasta gamma di applicazioni su molti tipi di veicoli di piccole dimensioni
- Rivestimenti in plastica stampati a iniezione, disponibili in diversi colori, studiati per garantire la flessibilità di installazione di ogni tipo di dispositivo di comando.
- Sotto il cuscino inclinabile è possibile integrare un vano portaoggetti o moduli operatore aggiuntivi.
- Joystick (personalizzabile secondo le esigenze), comandi a sfioramento, potenziometri rotativi, tastierini, navigazione TPR e altri elementi si possono integrare ergonomicamente, garantendo un design compatto.
- Pannello in alluminio personalizzabile con scritte stampate e spie di segnalazione, come da richieste del cliente.
- È disponibile un supporto inclinabile e regolabile fornibile insieme al bracciolo per un fissaggio alternativo al sedile.
- *Specifically designed to fit and bring an added value to low range vehicles.*
- *Injection-molded plastic coatings, available in different colors, to guarantee the installation flexibility of any type of control device.*
- *The side console (tilting) can hold a storage compartment or additional modules.*
- *Custom joystick, touch controls, rotary potentiometers, keypads, TPR navigation knob and more elements can be integrated in this compact design.*
- *Customizable aluminum panel with printed text and warning lights, per customer specification.*
- *A tilting and adjustable support is available and can be supplied with the armrest for an alternative fixing to the seat.*

INSTALLAZIONE STANDARD

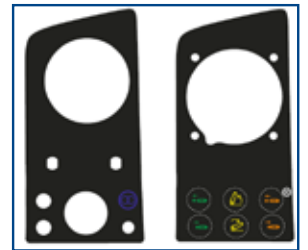
- Joystick
- Potenziometri rotativi
- Interruttori basculanti: Serie 700, 1000, 1200, 1400, 1500
- Keypad B-MMI
- Spie di segnalazione
- Porta USB
- TPR (Touch Push Rotate)
- Comandi a sfioramento

STANDARD INSTALLATION

- Joystick
- Rotary potentiometers
- Toggle switches: Series 700, 1000, 1200, 1400, 1500
- B-MMI keypad
- Warning lamps
- USB port
- TPR (Touch Push Rotate) knob
- Touch controls



Totalmente personalizzabile
Fully customizable



Supporto inclinabile con molla a gas (facoltativo)
Tilttable support with gas spring (optional)



ARMRESTS

BM6

- Pensato per essere facilmente integrato in una vasta gamma di applicazioni su molti tipi di veicoli di medie e grandi dimensioni
- Rivestimenti in plastica stampati a iniezione, disponibili in diversi colori, studiati per garantire la flessibilità di installazione di ogni tipo di dispositivo di comando.
- Sotto il cuscino inclinabile e scorrevole è possibile integrare un vano portaoggetti o moduli operatore aggiuntivi.
- Joystick (personalizzabile secondo le esigenze), comandi a sfioramento, potenziometri rotativi, tastierini, navigazione TPR e altri elementi si possono integrare ergonomicamente, garantendo un design compatto.
- Pannello in alluminio personalizzabile con scritte stampate e spie di segnalazione, come da richieste del cliente.
- È disponibile un supporto inclinabile e regolabile fornibile insieme al bracciolo per un fissaggio alternativo al sedile.
- *Specifically designed to fit and bring an added value to medium and large range vehicles.*
- *Injection-molded plastic coatings, available in different colors, to guarantee the installation flexibility of any type of control device.*
- *The side console (tilting and scrolling) can hold a storage compartment or additional modules.*
- *Custom joystick, touch controls, rotary potentiometers, keypads, TPR navigation knob and more elements can be integrated in this compact design.*
- *Customizable aluminum panel with printed text and warning lights, per customer specification.*
- *A tilting and adjustable support is available and can be supplied with the armrest for an alternative fixing to the seat.*

INSTALLAZIONE STANDARD

- N° 2 Joystick
- Potenziometri rotativi
- Interruttori basculanti: Serie 700, 1000, 1200, 1400, 1500
- Keypad B-MMI
- Spie di segnalazione
- Porta USB
- TPR (Touch Push Rotate)
- Comandi a sfioramento

STANDARD INSTALLATION

- No.2 Joysticks
- Rotary potentiometers
- Toggle switches: Series 700, 1000, 1200, 1400, 1500
- B-MMI keypad
- Warning lamps
- USB port
- TPR (Touch Push Rotate) knob
- Touch controls



OPTIONAL



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