

Moduli di connessione elettrica

- 15 connessioni elettriche Ø1 mm.
- Le due parti sono fornite separatamente:
PMAQC/PAQC/MAQC/CAQC - lato robot;
PMBQC/PBQC/MBQC/CBQC - lato pinza.

Electrical connection modules

- 15 pins Ø1 mm.
- The two parts are supplied separately:
PMAQC/PAQC/MAQC/CAQC - robot side;
PMBQC/PBQC/MBQC/CBQC - gripper side.

CAQC



CBQC



MAQC

Connettori a molla
Spring connectors



MBQC

Connettori a molla
Spring connectors



PAQC

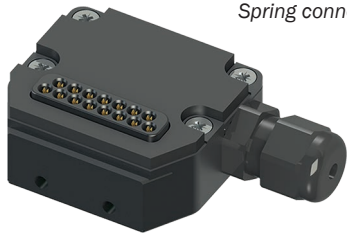


PBQC



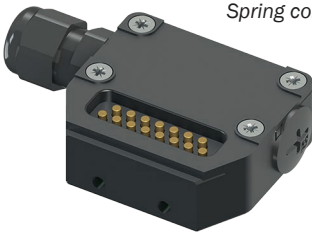
PMAQC

Connettori a molla
Spring connectors



PMBQC

Connettori a molla
Spring connectors

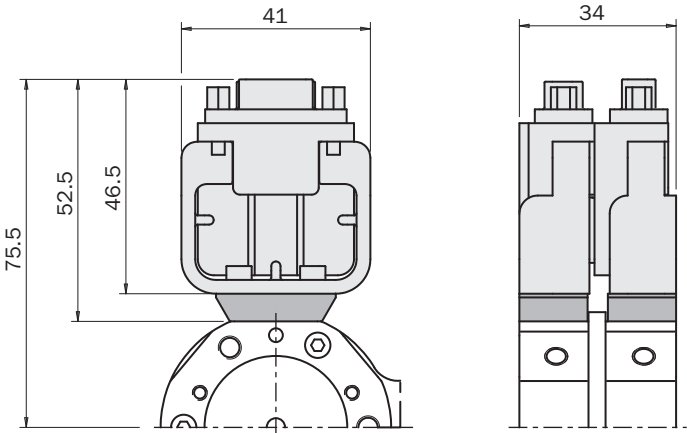


	CAQC	CBQC	MAQC	MBQC	PAQC	PBQC	PMAQC	PMBQC
Tipo di connessione I/O I/O connection type	15 pin D-SUB - Connettore alta densità - Tipo VGA 15 pins D-SUB - High density connector - VGA type				15 pin 15 pins			
Corrente d'esercizio Working Current	2 A (0.5A assoluto con CEQC-A, CEQC-B) 2A (0.5A absolute value with CEQC-A, CEQC-B)				3A		0.5	
Tensione di scarica Break down voltage	0 ÷ 250 Vac							
Temperatura di esercizio Temperature range	-55°C ÷ +105°C							
Contatti Contact	Dorati Gold plated							
Massima sezione dei conduttori Maximum conductor cross-section	-				AWG28			
Diametro esterno massimo del cavo Maximum cable outer diameter	-				7 mm			

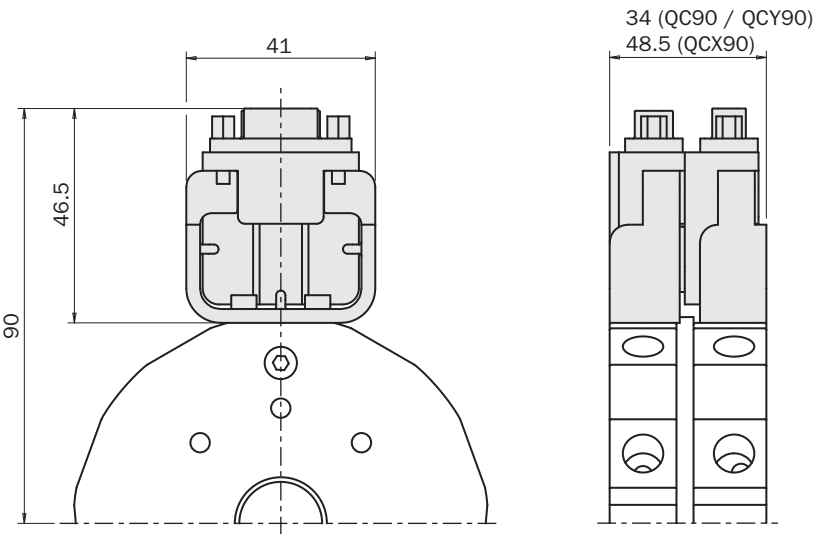
Dimensioni (mm)
Dimensions (mm)

FIRST ANGLE
PROJECTION

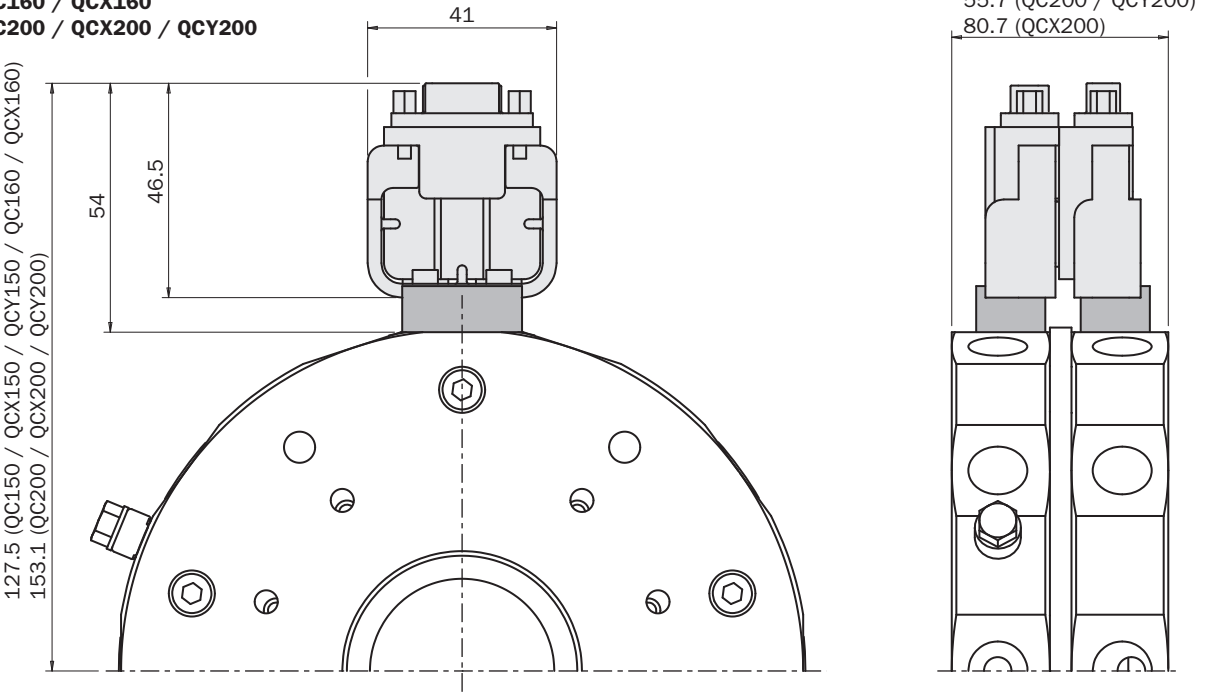
QC50
QCY50



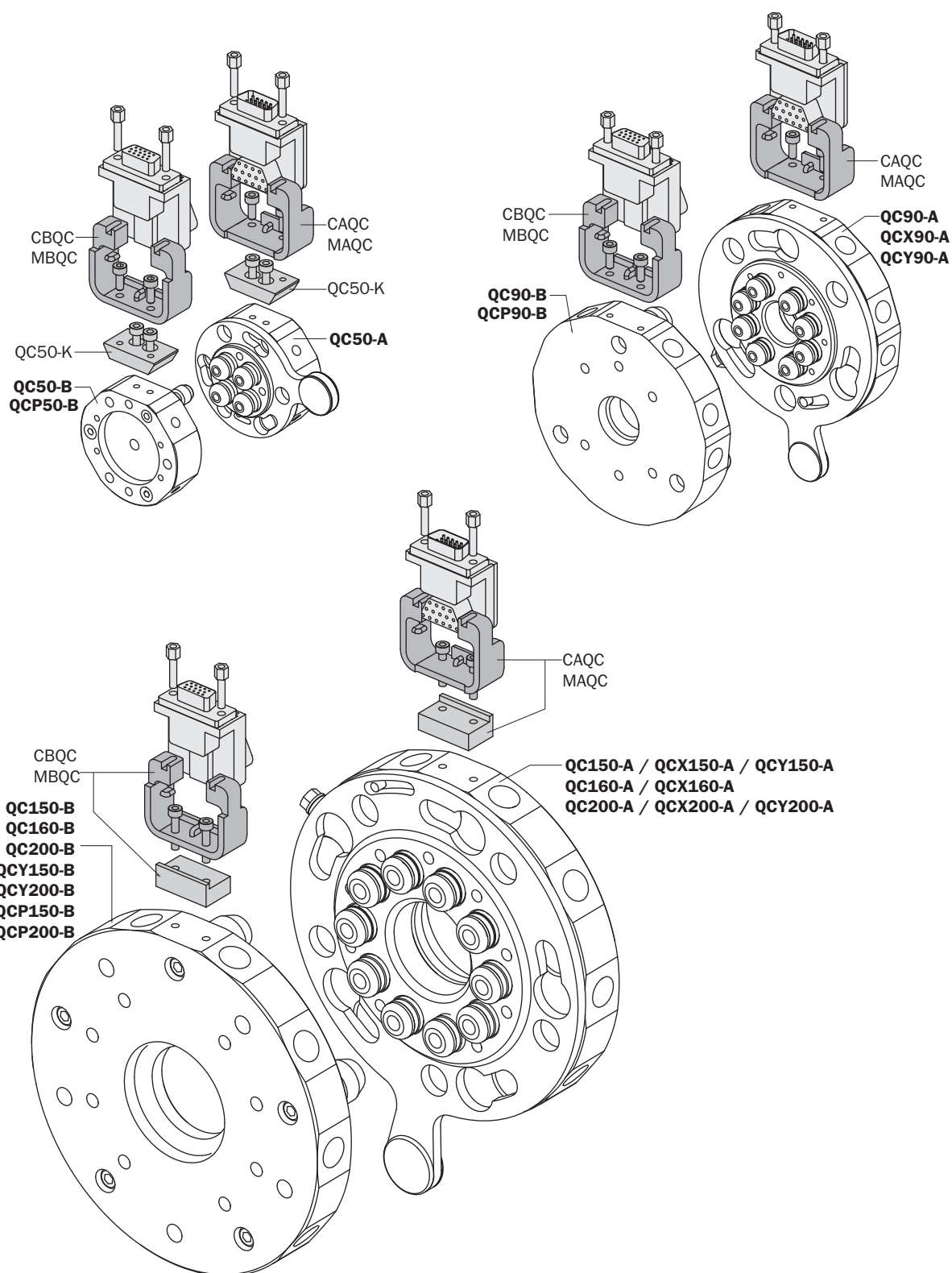
QC90
QCX90
QCY90



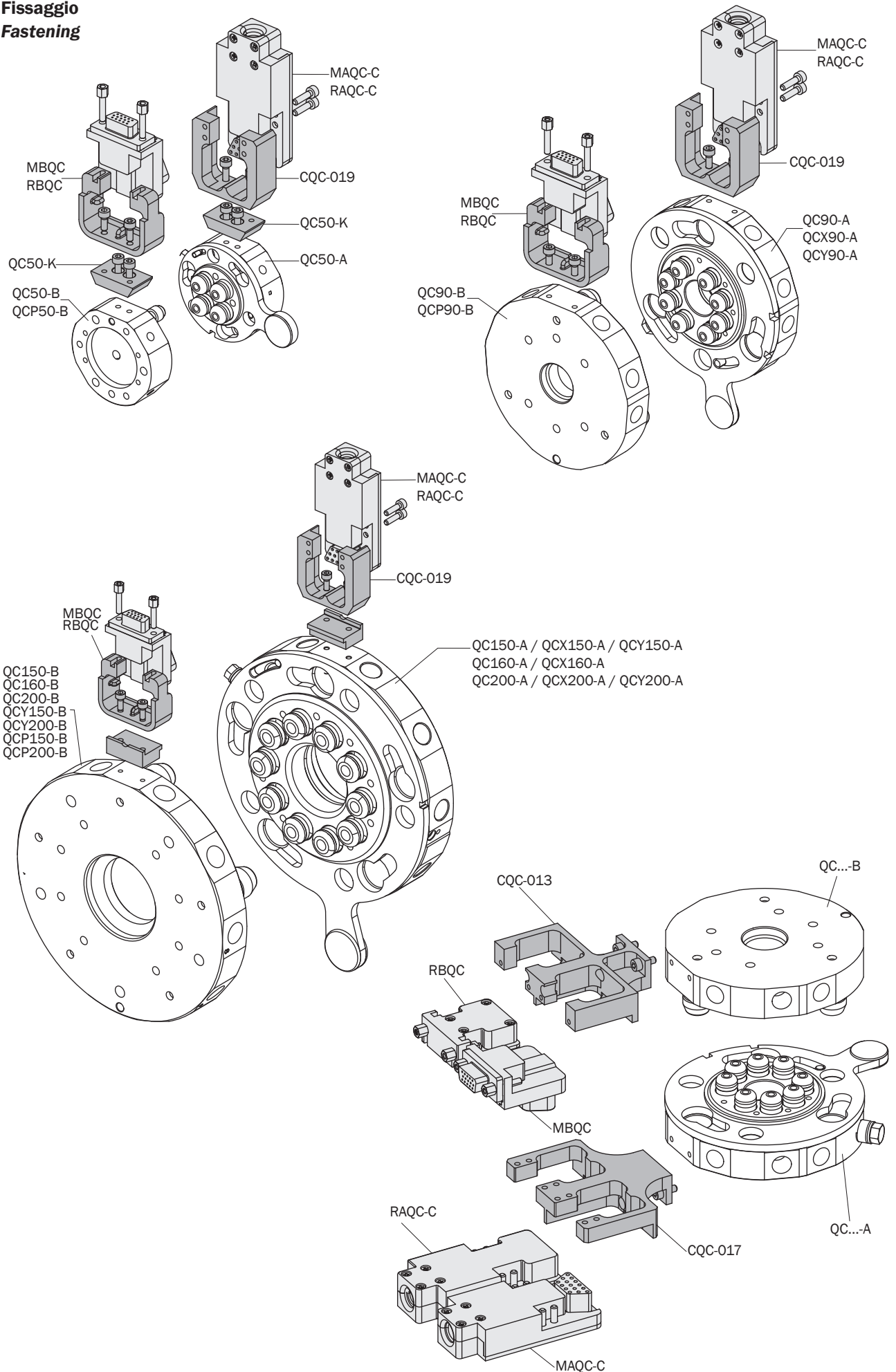
QC150 / QCX150 / QCY150
QC160 / QCX160
QC200 / QCX200 / QCY200



Fissaggio Fastening



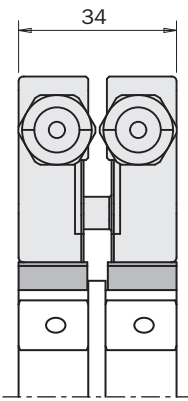
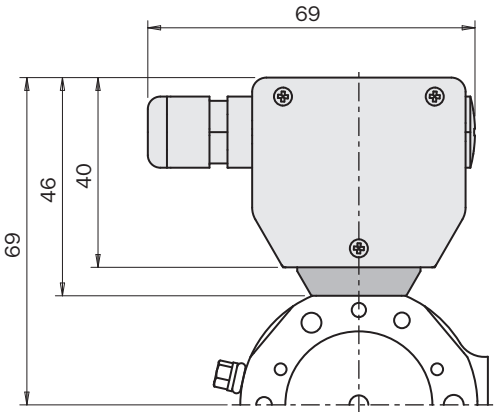
Fissaggio Fastening



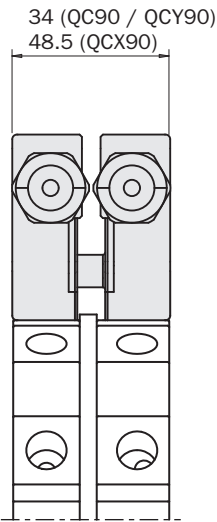
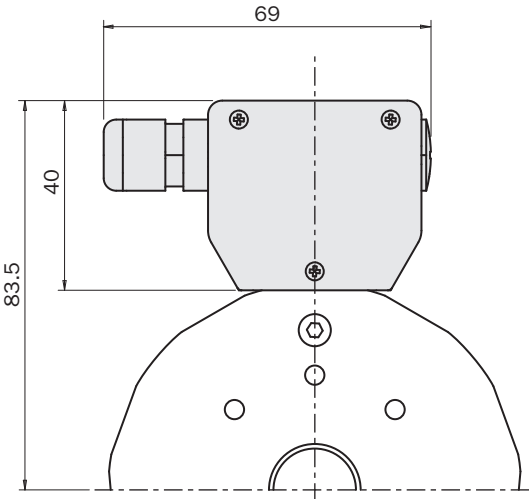
Dimensioni (mm)
Dimensions (mm)



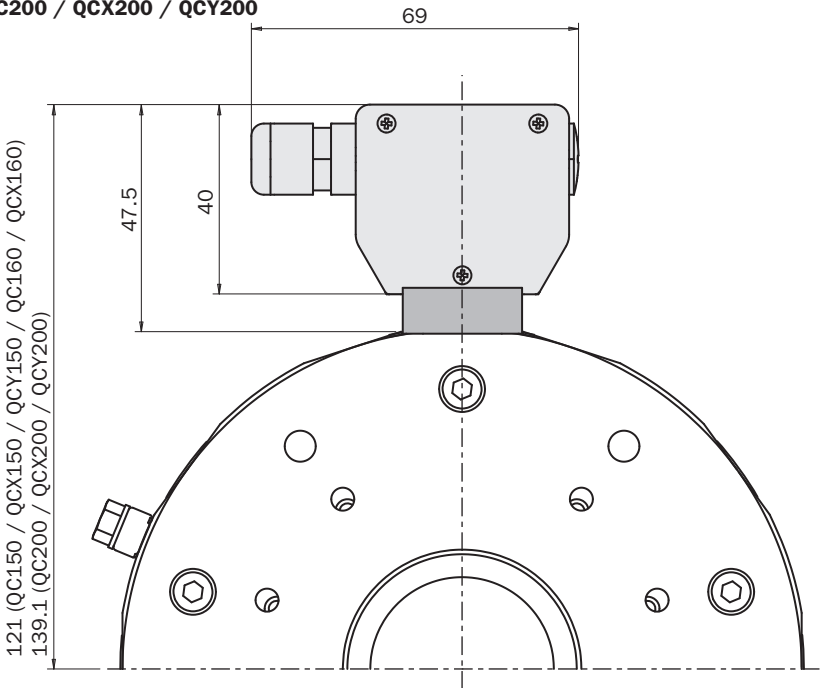
QC50
QCY50



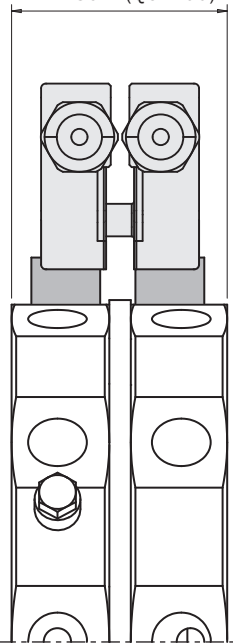
QC90
QCX90
QCY90



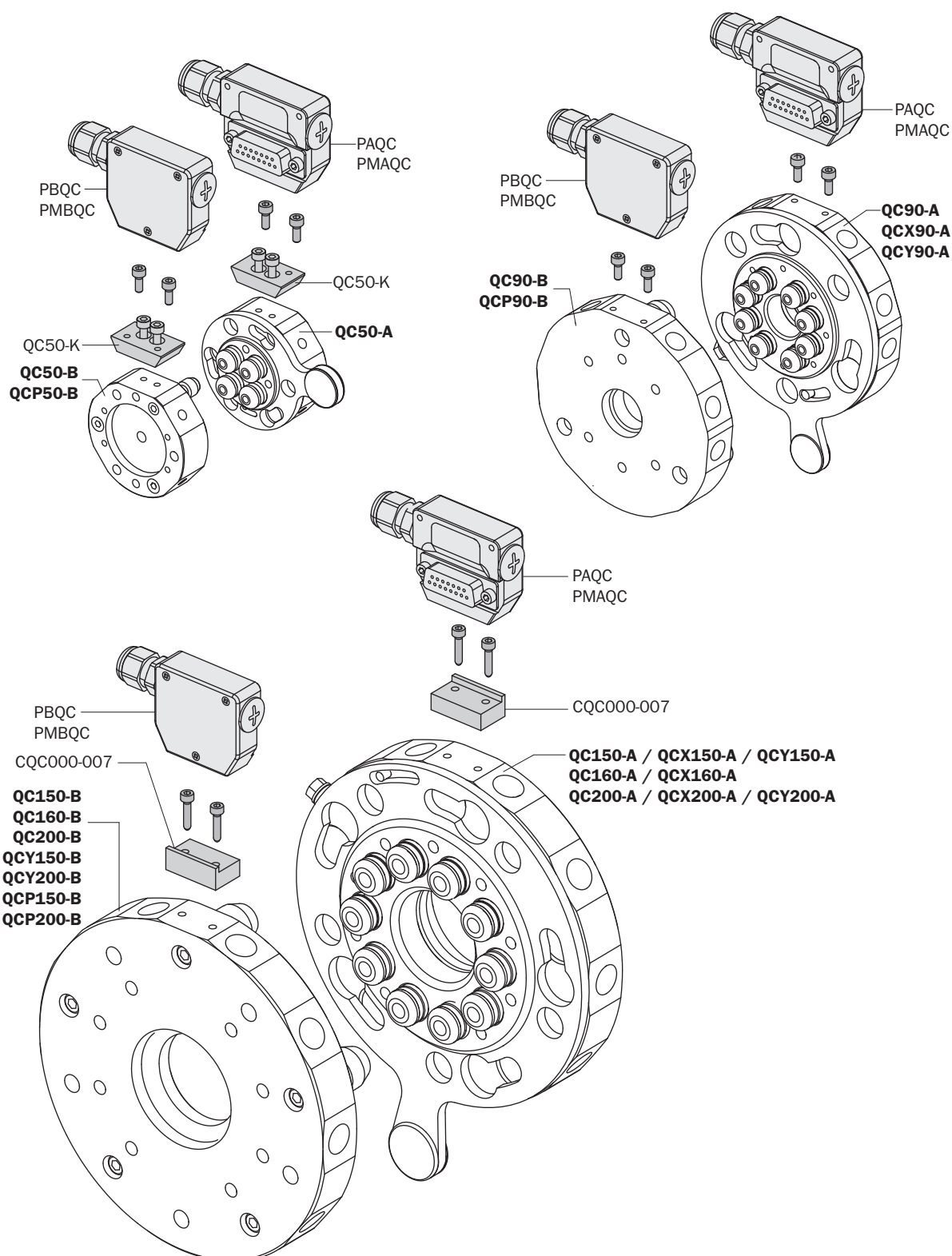
QC150 / QCX150 / QCY150
QC160 / QCX160
QC200 / QCX200 / QCY200

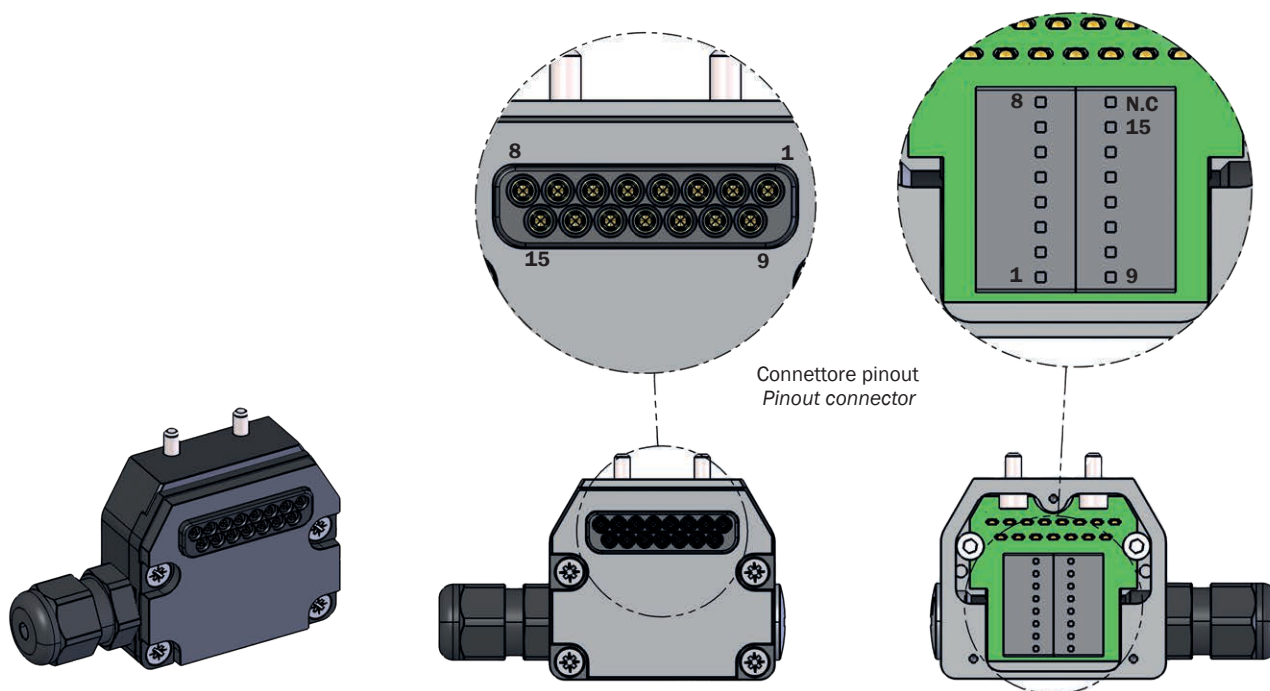
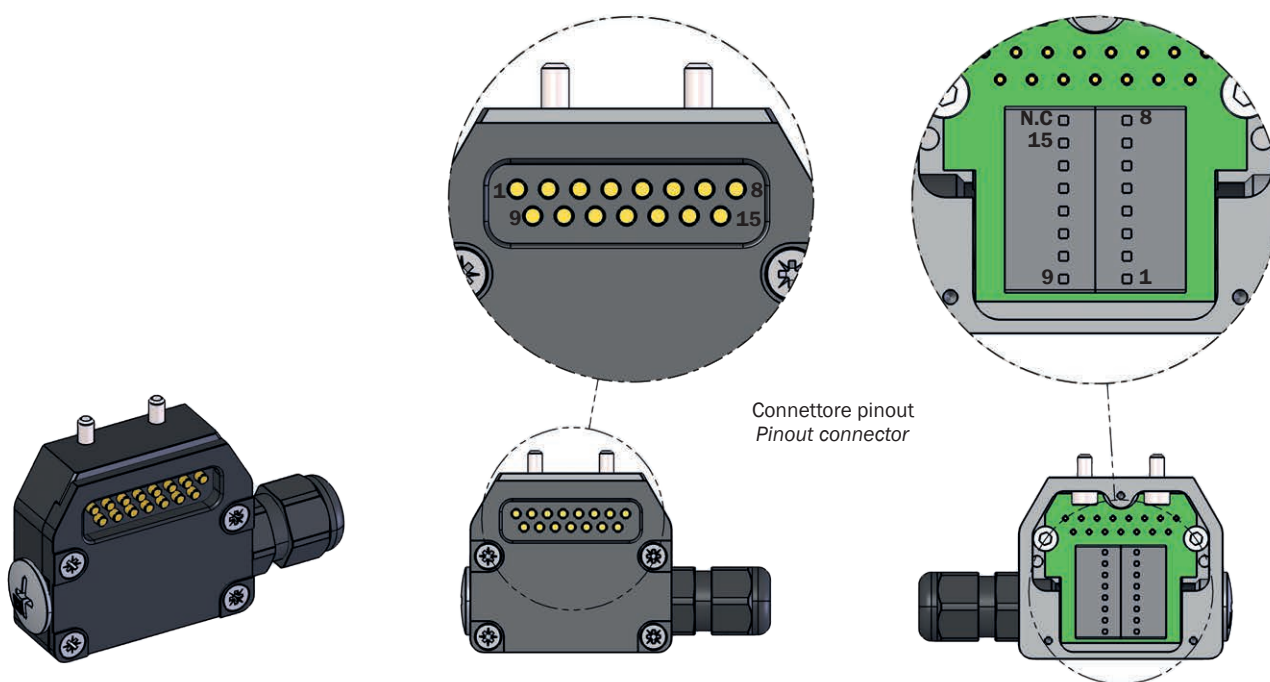


47 (QC150 / QCY150 / QC160)
68.3 (QCX150 / QCX160)
55.7 (QC200 / QCY200)
80.7 (QCX200)



Fissaggio Fastening



PMAQC**Connettore elettrico femmina**
Female electrical connector**PMBQC****Connettore elettrico maschio**
Male electrical connector

RAQC / RBQC

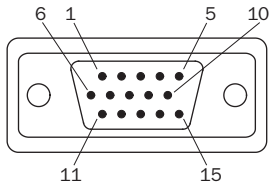
Moduli di identificazione RFID.
Sistema di riconoscimento automatico dell'organo di presa
composto da un lettore RFID (RAQC) ed un TAG di memoria (RBQC).

- Fino a 255 utensili distinguibili.
- Codifica binaria dell'utensile tramite 8 uscite digitali 24 Vdc.
- Ingresso digitale per il conteggio dei cicli di esecuzione dell'utensile.
- Uscita digitale per segnalazione intervento manutentivo richiesto dall'utensile al raggiungimento del numero cicli impostato.
- Attacco rapido I/O attraverso connettore VGA.
- Memorizzazione dati tecnici dell'utensile.
- Disponibile area dati utente.
- Le due parti sono fornite separatamente:
RAQC - lato robot (Lettore);
RBQC - lato utensile (TAG).

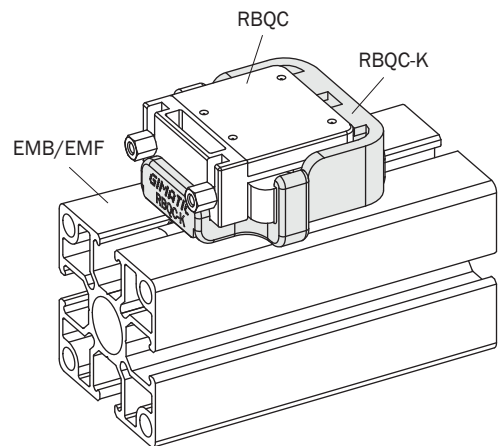
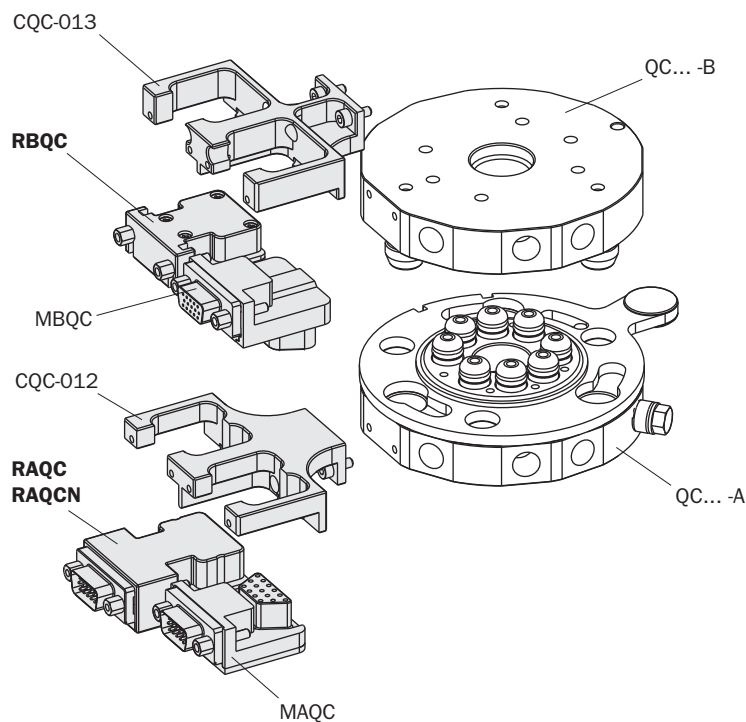
RAQC / RBQC

RFID identification modules.
System for automatic recognition of gripping tool composed of a
RFID reader (RAQC) and a memory TAG (RBQC).

- Up to 255 identifiable tools.
- Binary coding of tools by means of 8 digital outputs 24 Vdc.
- Digital input to counting tool cycles execution.
- Generation of a maintenance warning signal once the tool reaches the preset number of cycles.
- I/O quick change by VGA connector.
- Memorization of tool technical data.
- User data memory available.
- The two parts are supplied separately:
RAQC - robot side (Reader);
RBQC - tool side (TAG).



1	DOUT1	6	24 Vdc	11	DOUT5
2	DOUT2	7	DOUT_CNT	12	DOUT6
3	N/C	8	DOUT3	13	DOUT7
4	GND	9	DOUT_FAULT	14	DOUT8
5	N/C	10	DOUT4	15	DIN_COUNT

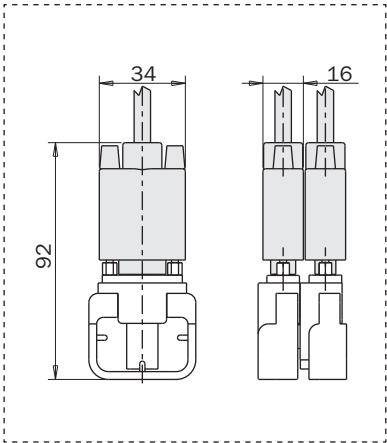
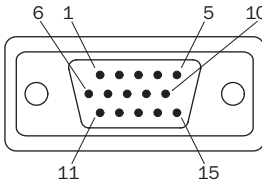
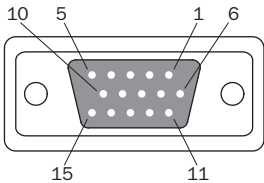
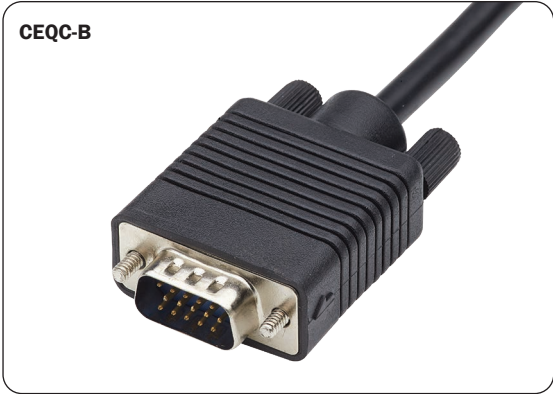


CEQC-A, CEQC-B

Sono forniti separatamente i cavi maschio e femmina necessari alla connessione elettrica secondaria.

CEQC-A, CEQC-B

The male and female cables required for the secondary electrical connection are supplied separately.



01	Arancio Orange
02	Giallo Yellow
03	Verde scuro Deep Green
04	Blu Blue
05	Verde chiaro Light Green
06	Marrone Brown
07	Marrone / Bianco Brown / White
08	Rosso Red

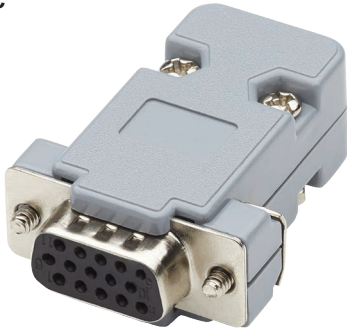
09	Rosso / Bianco Red / White
10	Rosa Pink
11	Viola Violet
12	Grigio Gray
13	Bianco White
14	Nero Black
15	Nero / Bianco Black / White

	CEQC-A	CEQC-B
Tipo di connessione I/O I/O connection type	15 pin D-SUB - Tipo VGA 15-pin D-SUB - VGA type	
Lunghezza cavo Cable length	1500 mm	
Isolamento Insulation	PVC	
Schermatura Shield	100% alluminio - Pellicola di mylar - 28÷26 AWG 100% aluminum - Mylar foil - 28 to 26 AWG	
Guaina Sheath	PVC nero Black PVC	
Temperatura di esercizio Temperature range	-55°C ÷ +105°C	
Gamma di tensione Voltage range	0 ÷ 250 Vac	
Corrente massima Max current	0.5 A	

CEQC-AC / CEQC-BC

Sono forniti separatamente i connettori a saldare maschio e femmina.

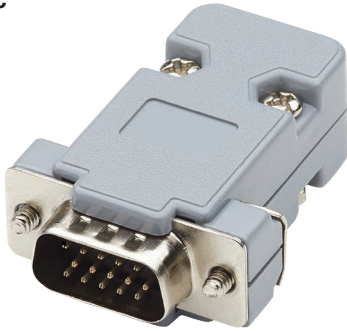
CEQC-AC



CEQC-AC / CEQC-BC

The male and female solder connectors are supplied separately.

CEQC-BC



CEQC-ACA / CEQC-BCA

Sono forniti separatamente i connettori a saldare maschio e femmina angolari.

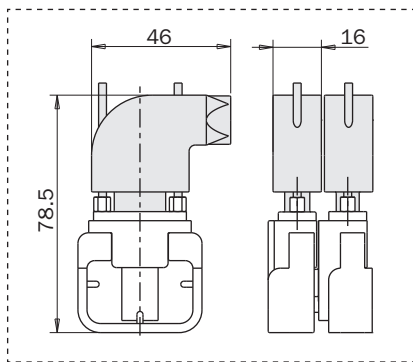
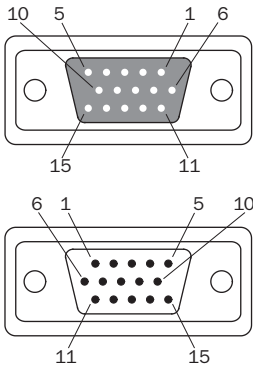
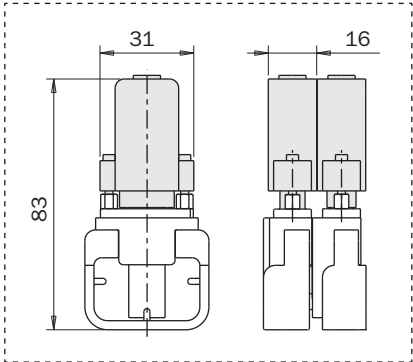
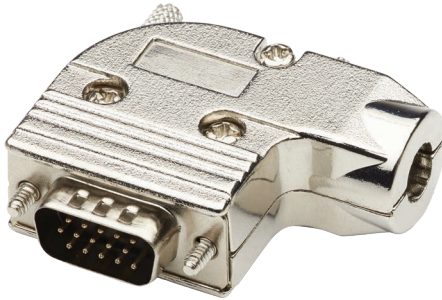
CEQC-ACA



CEQC-ACA / CEQC-BCA

The angular male and female solder connectors are supplied separately.

CEQC-BCA



	CEQC-AC	CEQC-BC	CEQC-ACA	CEQC-BCA
Tipo di connessione I/O I/O connection type	15 pin D-SUB - Tipo VGA 15-pin D-SUB - VGA type			
Contatti Contacts	Rame Copper			
Isolamento Insulation	Poliestere Polyester			
Temperatura di esercizio Temperature range	-20°C ÷ +80°C			
Gamma di tensione Voltage range	0 ÷ 300 Vac			
Corrente massima Max current	3A			
Massima sezione dei conduttori Maximum conductor cross-section	AWG28			
Diametro esterno massimo del cavo Maximum cable outer diameter	7 mm			