Module de connexion électrique

- 15 goupilles Ø1 mm.
- Les deux parties sont fournies séparément:
  PMAQC/PAQC/MAQC/CAQC - côté robot;
  PMBQC/PBQC/MBQC/CBQC - côté main de préhension.

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

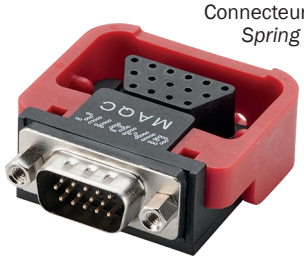


CBQC



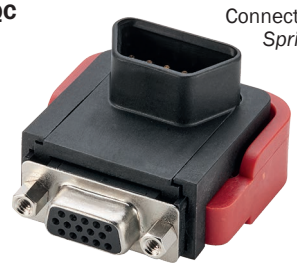
MAQC

Connecteurs à ressort
Spring connectors



MBQC

Connecteurs à ressort
Spring connectors



PAQC

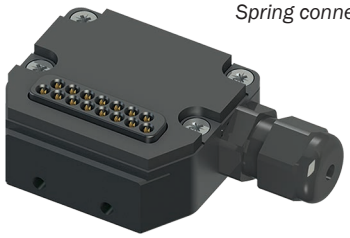


PBQC



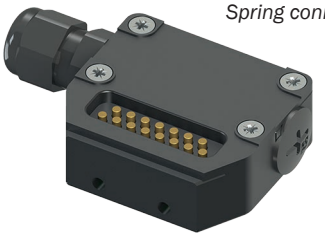
PMAQC

Connecteurs à ressort
Spring connectors



PMBQC

Connecteurs à ressort
Spring connectors



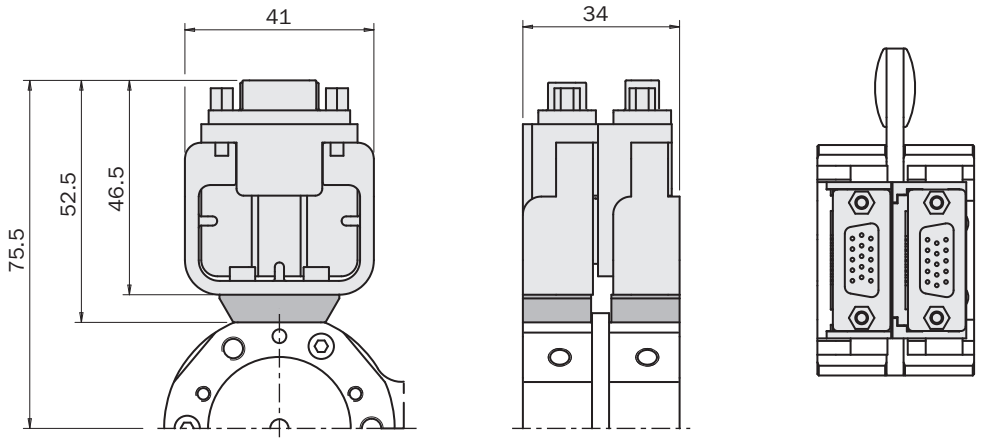
	CAQC	CBQC	MAQC	MBQC	PAQC	PBQC	PMAQC	PMBQC
Type de connexion I/O *I/O connection type*	15 goupilles D-SUB - Connecteur haute densité à coude - Type VGA *15 pins D-SUB - High density connector - VGA type*				15 goupilles *15 pins*			
Courant du travail *Working Current*	0.5 A							
Tension de rupture *Break down voltage*	0 ÷ 250 Vac							
Température d'utilisation *Temperature range*	-55°C ÷ +105°C							
Connexions *Contact*	Dorées *Gold plated*							
Section maximum des conducteurs *Maximum conductor cross-section*	-				AWG28			
Diamètre extérieur maximum du câble *Maximum cable outer diameter*	-				7 mm			

MCQC

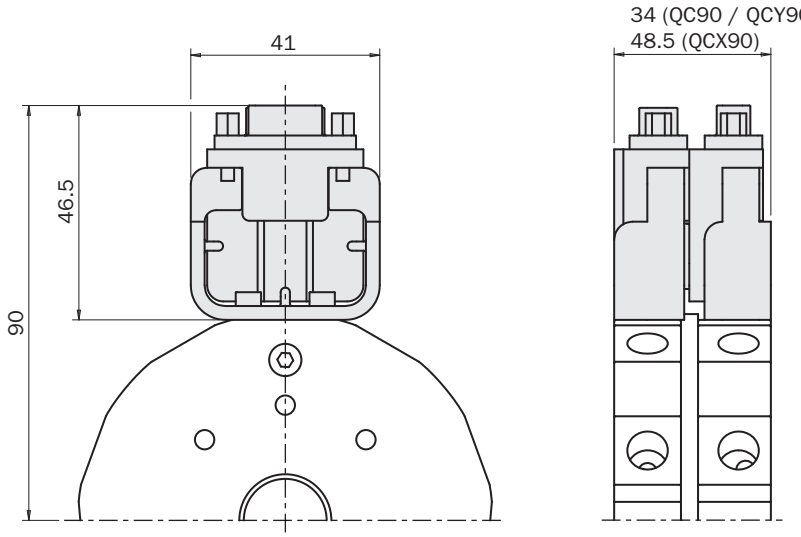
Dimensions (mm)
Dimensions (mm)

FIRST ANGLE PROJECTION

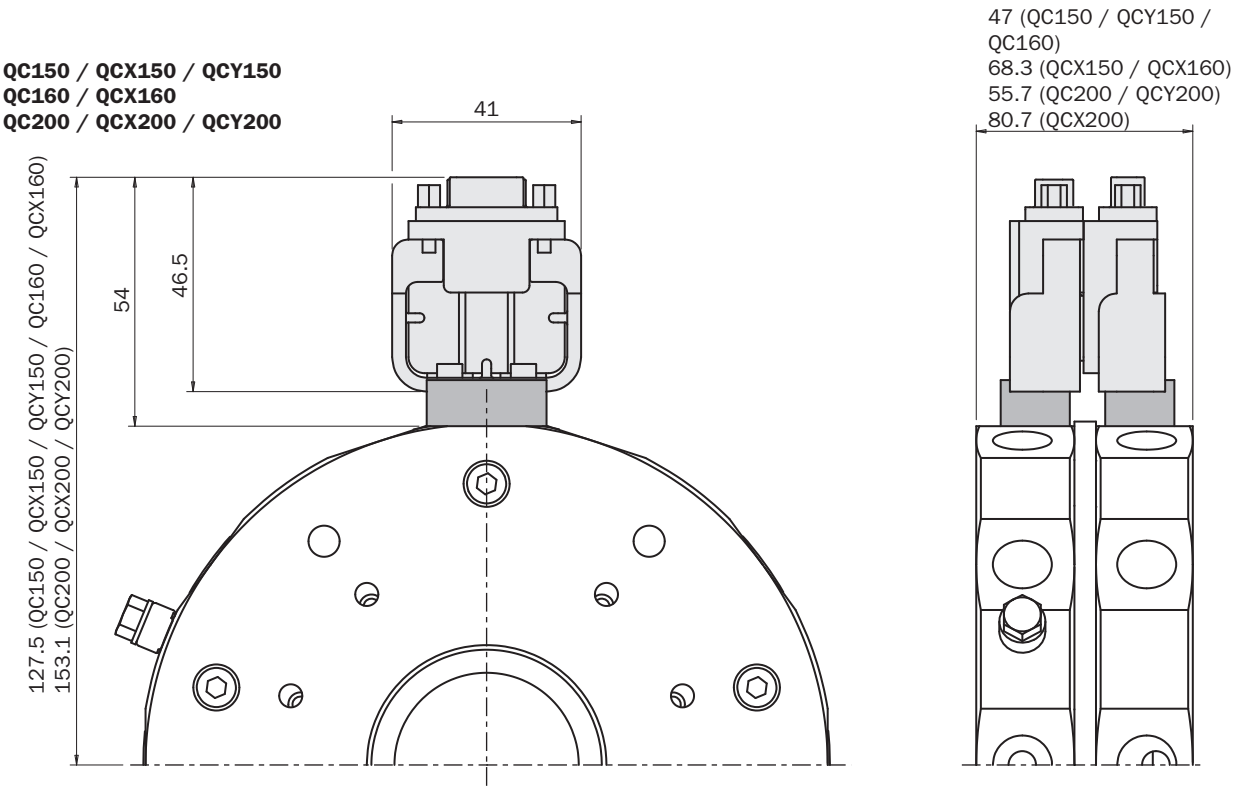
QC50
QCY50



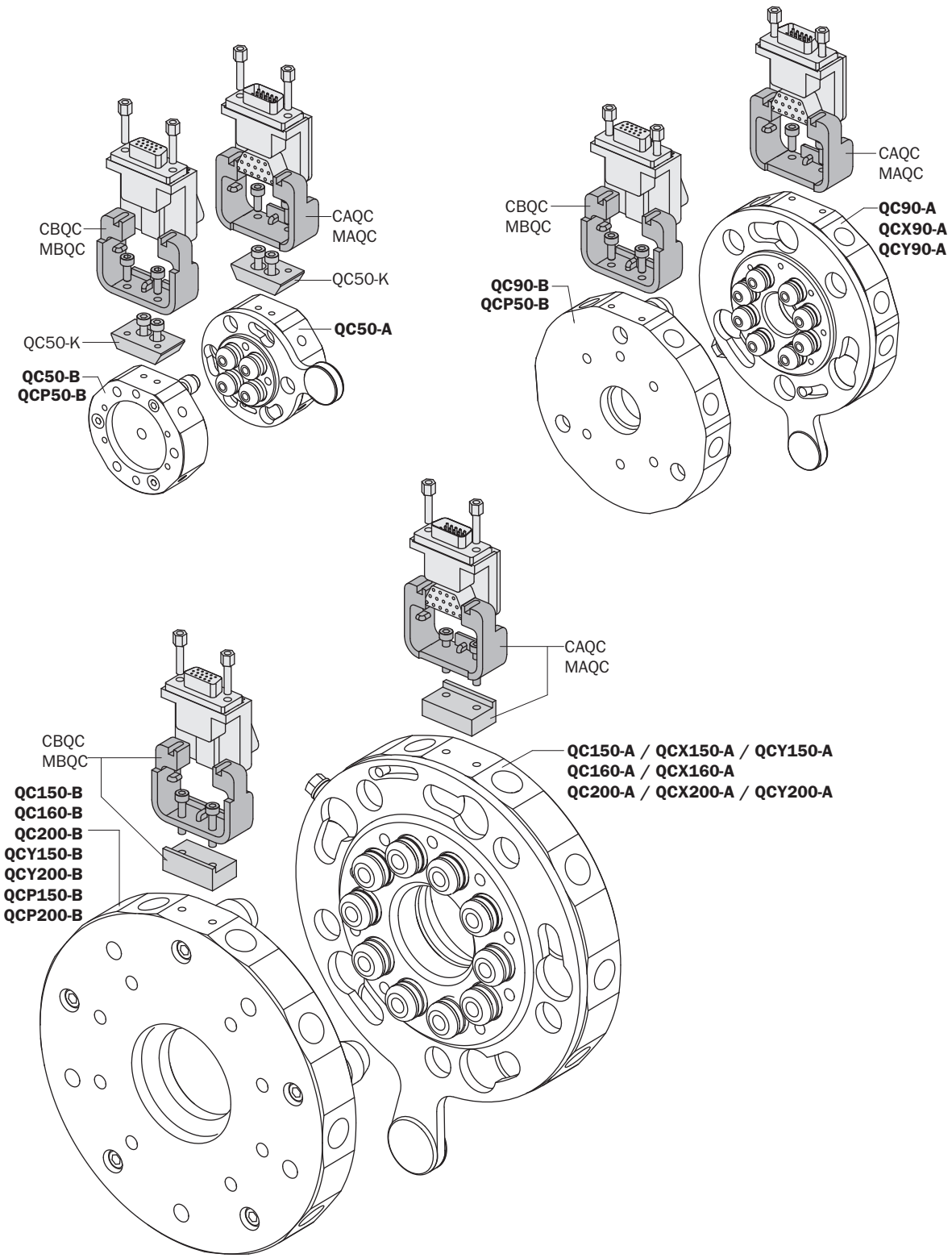
QC90
QCX90
QCY90



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



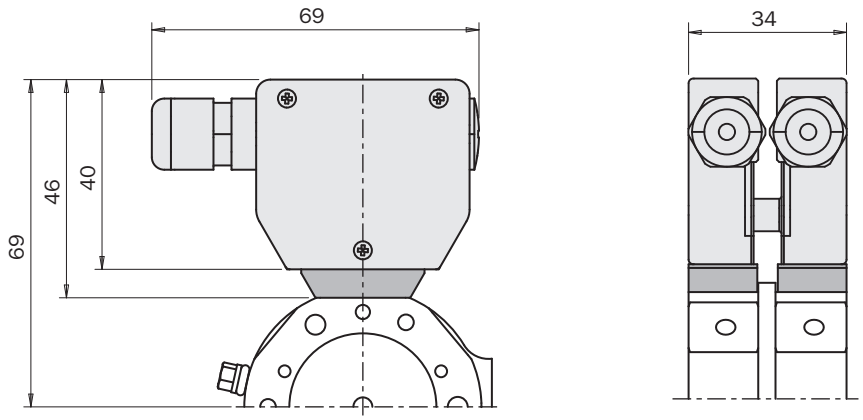
Fixation
Fastening



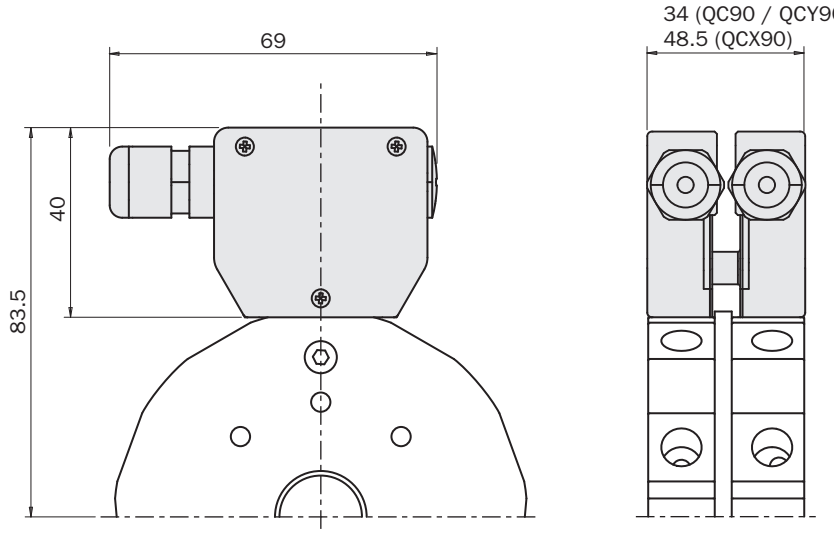
Dimensions (mm)
Dimensions (mm)

FIRST ANGLE PROJECTION

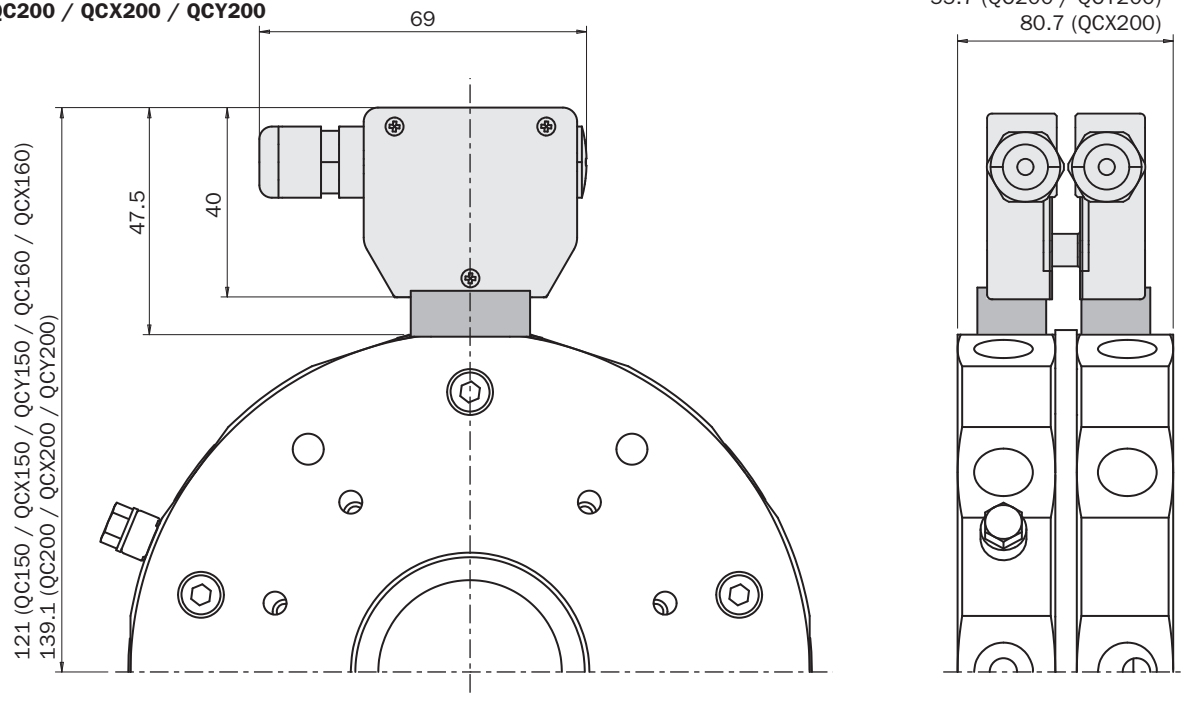
QC50
QCY50



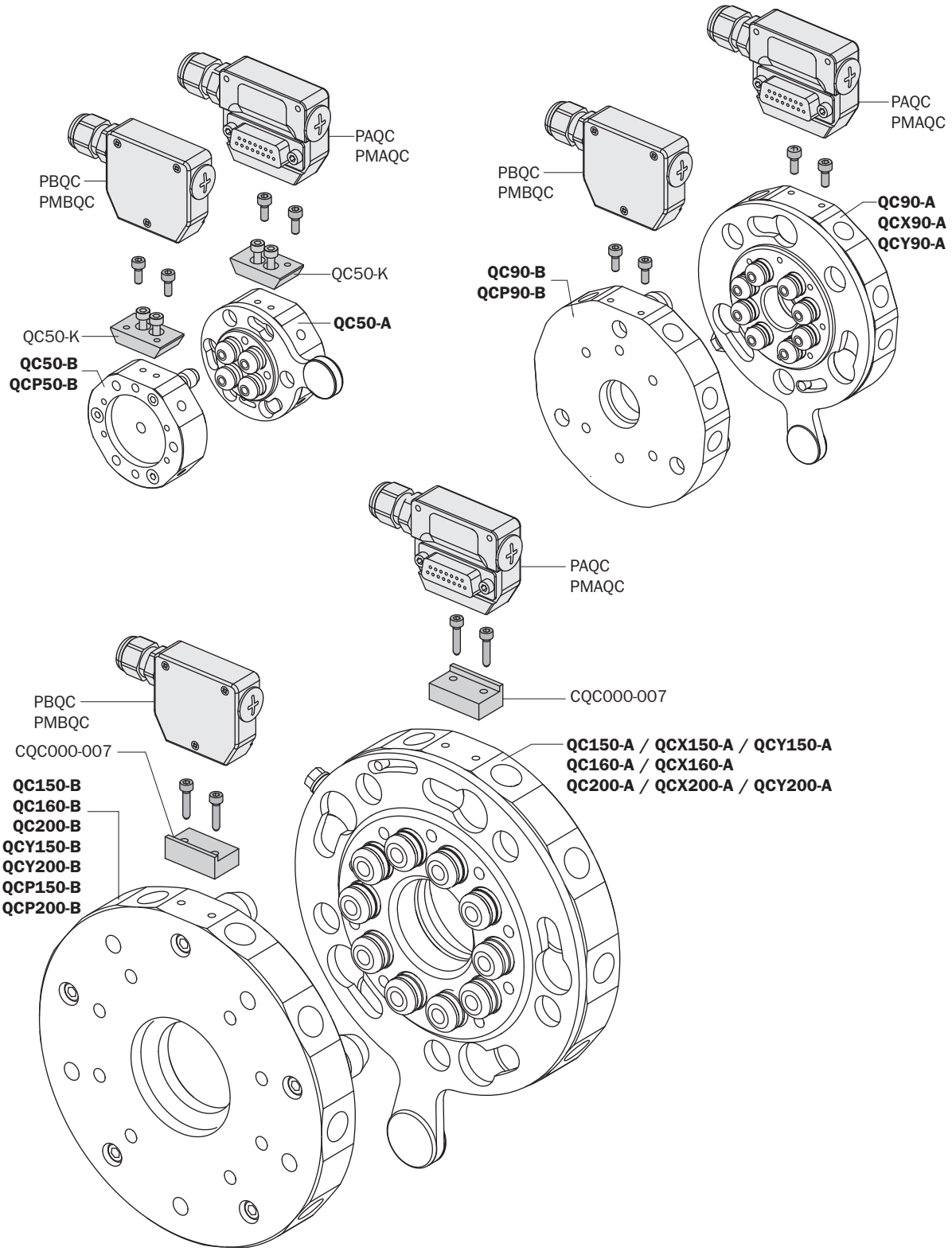
QC90
QCX90
QCY90



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

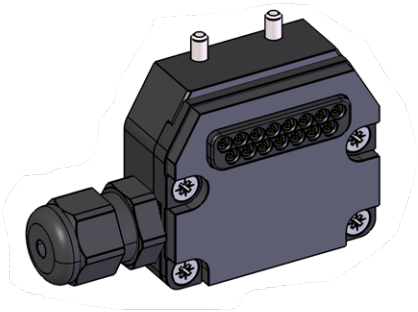


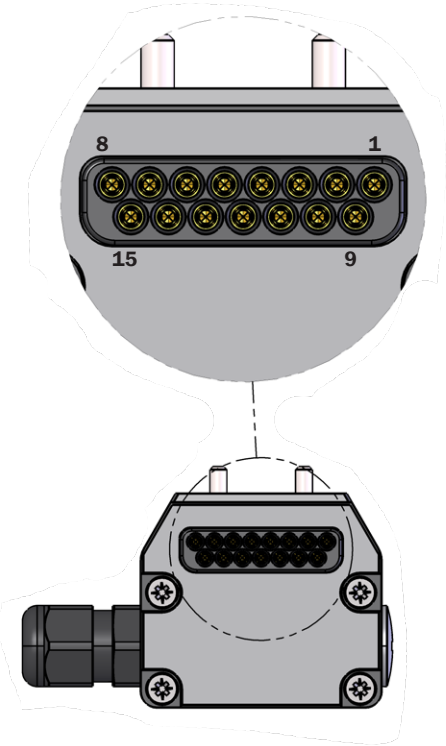
Fixation
Fastening



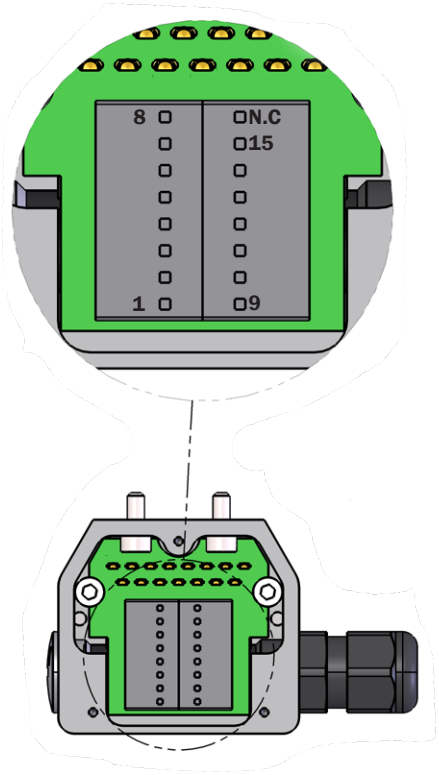
PMAQC

Connecteur électrique femelle
Female electrical connector



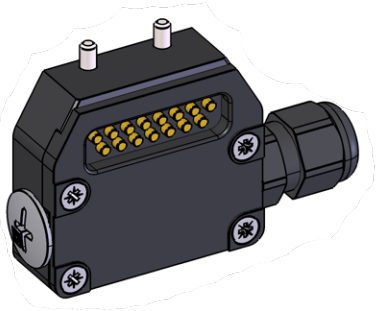


Brochage connecteur
Pinout connector

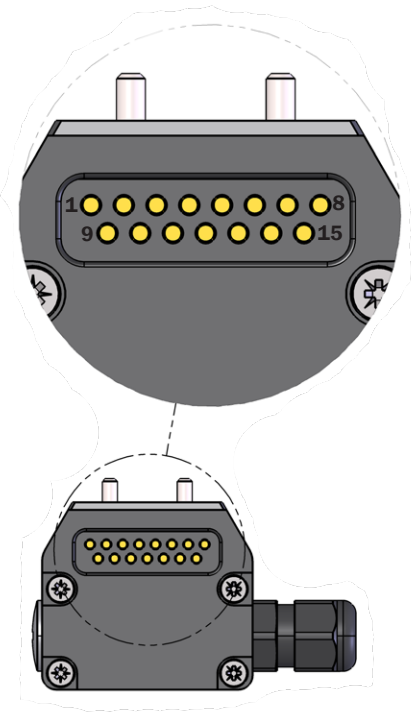


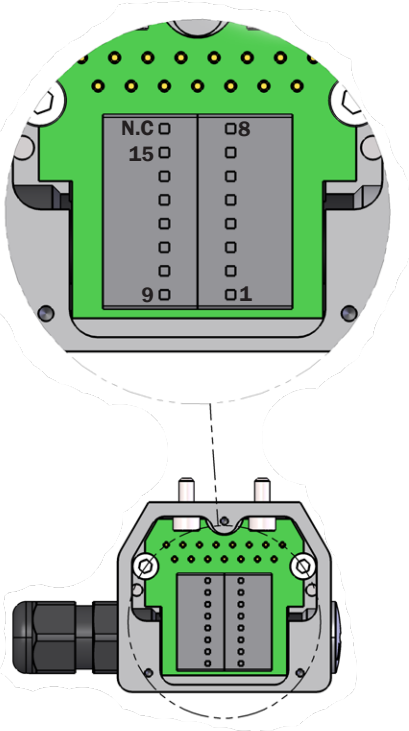
PMBQC

Connecteur électrique mâle
Male electrical connector



Brochage connecteur
Pinout connector





MCQC

RAQC / RBQC

Modules d'identification RFID.
Système de reconnaissance automatique de l'organe de préhension composé d'un lecteur RFID (RAQC) et d'une étiquette mémoire (RBQC).

- Jusqu'à 255 outils distincts.
- Codage binaire de l'outil au moyen de 8 sorties numériques 24 Vdc.
- Entrée numérique pour le comptage des cycles d'exécution de l'outil.
- Sortie numérique pour signalisation d'intervention de maintenance demandée par l'outil lorsque le nombre de cycles configuré est atteint.
- Raccord rapide E/S avec connecteur VGA.
- Mémorisation des données techniques de l'outil.
- Espace données utilisateur disponible.
- Les deux parties sont fournies séparément:
  RAQC - côté robot (Lecteur);
  RBQC - côté outil (Étiquette).

RAQC / RBQC

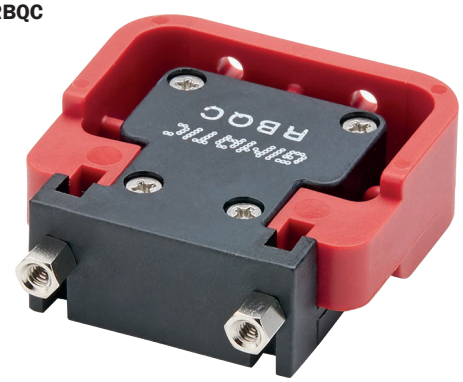
RFID identification modules.
System for automatic recognition of gripping tool composed of a RFID reader (RAQC) and a memory TAG (RBQC).

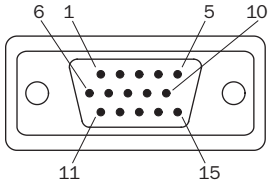
- *Up to 255 identifiable tools.*
- *Binary coding of tools by means of 8 digital outputs 24 Vdc.*
- *Digital input to counting tool cycles execution.*
- *Generation of a maintenance warning signal once the tool reaches the preset number of cycles.*
- *I/O quick change by VGA connector.*
- *Memorization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

RAQC

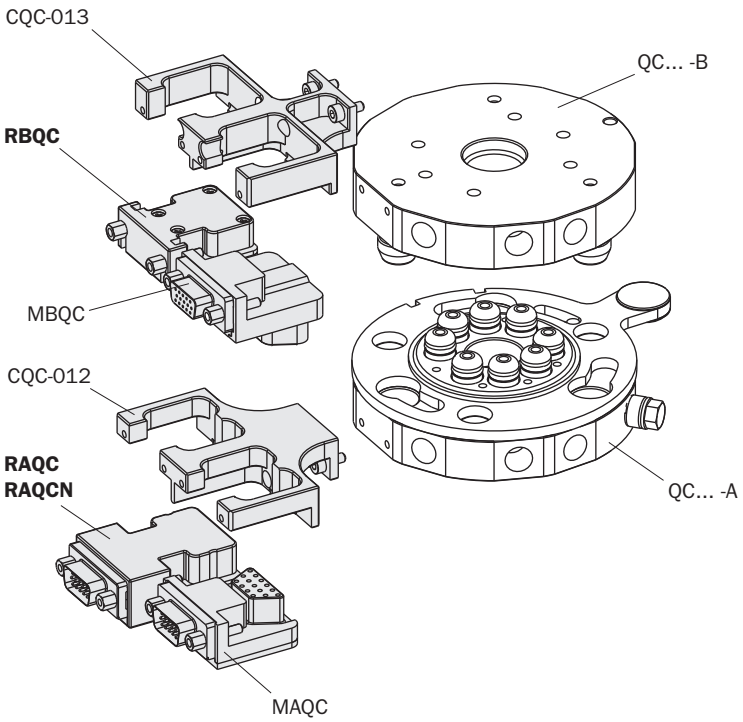


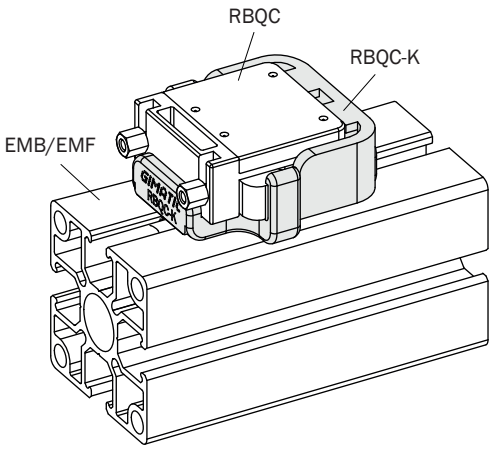
RBQC





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





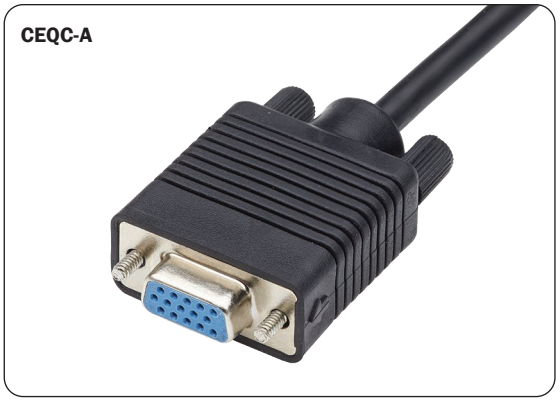
CEQC-A, CEQC-B

Les câbles mâle et femelle requis pour la connexion électrique secondaire sont fournis à part.

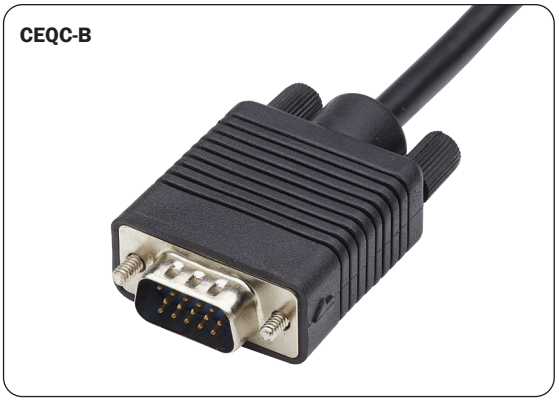
CEQC-A, CEQC-B

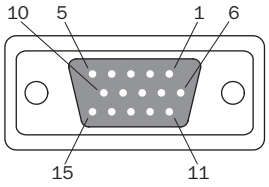
The male and female cables required for the secondary electrical connection are supplied separately.

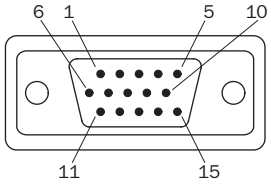
CEQC-A

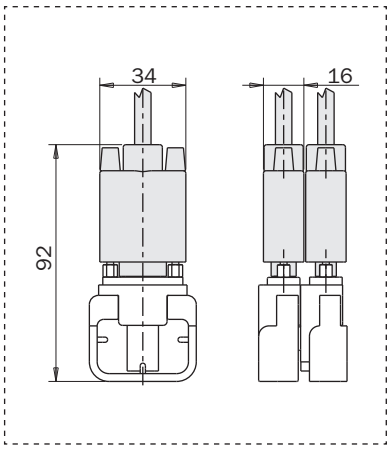


CEQC-B









01	Orange *Orange*
02	Jaune *Yellow*
03	Vert foncé *Deep Green*
04	Bleu *Blue*
05	Vert clair *Light Green*
06	Marron *Brown*
07	Marron/blanc *Brown / White*
08	Rouge *Red*

09	Rouge/blanc *Red / White*
10	Rose *Pink*
11	Violet *Violet*
12	Gris *Gray*
13	Blanc *White*
14	Noir *Black*
15	Noir/blanc *Black / White*

	CEQC-A	CEQC-B
Type de connexion E/S *I/O connection type*	D-SUB 15 broches - type VGA *15-pin D-SUB - VGA type*	
Longueur câble *Cable length*	1500 mm	
Isolation *Insulation*	PVC	
Blindage *Shield*	100% aluminium - Feuille de mylar - 28 à 26 AWG *100% aluminum - Mylar foil - 28 to 26 AWG*	
Gaine de câble *Sheath*	PVC noir *Black PVC*	
Plage de température *Temperature range*	-55°C ÷ +105°C	
Plage de tension *Voltage range*	0 ÷ 250 Vac	
Courant maximum *Max current*	0.5 A	

MCQC

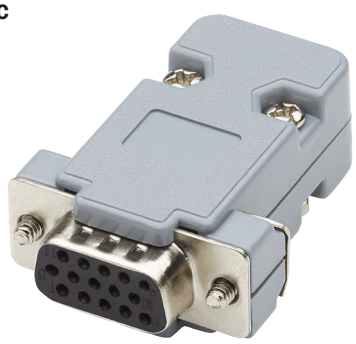
CEQC-AC / CEQC-BC

Les connecteurs mâle et femelle à souder sont vendus séparément.

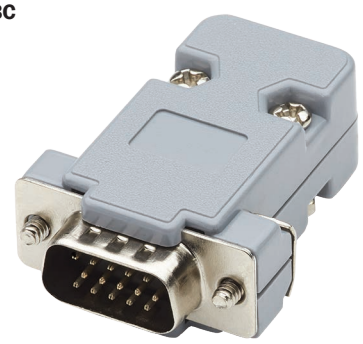
CEQC-AC / CEQC-BC

The male and female solder connectors are supplied separately.

CEQC-AC



CEQC-BC



CEQC-ACA / CEQC-BCA

Les connecteurs à souder mâle et femelle angulaires sont fournis séparément.

CEQC-ACA / CEQC-BCA

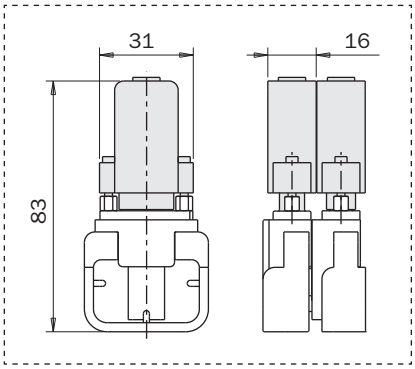
The angular male and female solder connectors are supplied separately.

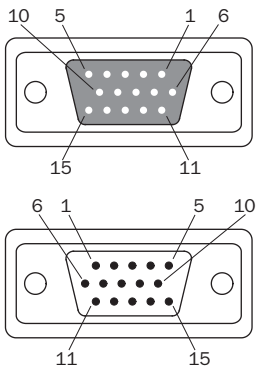
CEQC-ACA

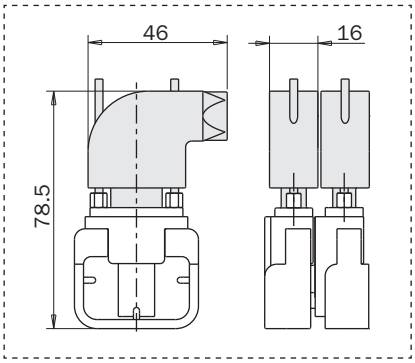


CEQC-BCA









	CEQC-AC	CEQC-BC	CEQC-ACA	CEQC-BCA
Type de connexion I/O *I/O connection type*	15 pins D-SUB - Type VGA *15-pin D-SUB - VGA type*			
Contacts *Contacts*	Cuivre *Copper*			
Isolation *Insulation*	Polyester *Polyester*			
Température d'utilisation *Temperature range*	-20°C ÷ +80°C			
Gamme de tension *Voltage range*	0 ÷ 300 Vac			
Courant maximum *Max current*	3A			
Section maximum des conducteurs *Maximum conductor cross-section*	AWG28			
Diamètre extérieur maximum du câble *Maximum cable outer diameter*	7 mm			