

# CR coding pins

## single coding pins for 6 codings



## coding options using single code pins



description	part No.	part No
single code pin (not for MIXO inserts)	stainless steel <b>CR 20</b>	zinc plated iron <b>CR 20 D</b>
single code pin (for MIXO inserts only)	stainless steel <b>CR 20 CX</b>	zinc plated iron <b>CR 20 CX D</b>

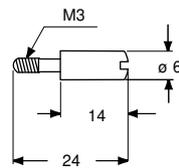
### CR 20/CR 20 D and CR 20 CX/CR 20 CX D coding pins

Each series of connector inserts is made in such a way as to make incorrect coupling between inserts of different series impossible.

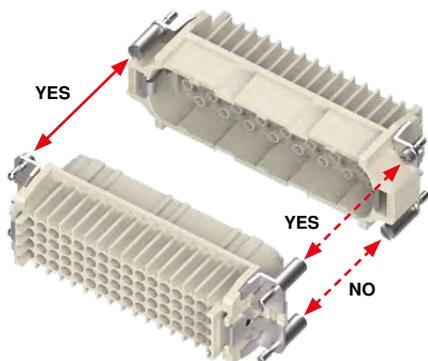
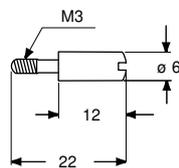
When a number of identical connectors with different functions are mounted closely together these must be selected in such a way as to prevent the coupling of a mobile part on a non-corresponding fixed part and consequent damage and breakdown.

Code pins are supplied to apply in place of the normal insert fastening screws (see example below). In this way the coupling of identical connectors is assured. The combination of code pins makes it possible to obtain a high number of selective couplings.

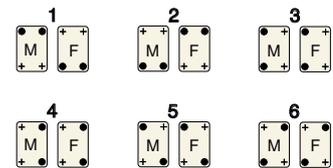
### CR 20 / CR 20 D



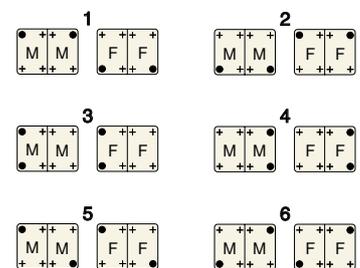
### CR 20 CX / CR 20 CX D



### Application with single insert



### Application with double inserts



- code pin  
(CR 20/CR 20 D and CR 20 CX/CR 20 CX D)
- + normal fixing screw
- M = male insert
- F = female insert

# CR coding pins

double coding and guide pins for 16 codings



coding options is made by using double coding and guide pins



description	part No.	part No
double coding pins (excluding MIXO inserts) male pin	stainless steel <b>CRM</b>	zinc plated iron <b>CRM D</b>
female pin	<b>CRF</b>	<b>CRF D</b>
double code pins (for MIXO inserts only) male pin	stainless steel <b>CRM CX</b>	zinc plated iron <b>CRM CX D</b>
female pin	<b>CRF CX</b>	<b>CRF CX D</b>

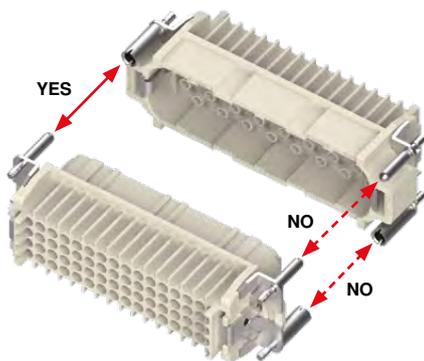
**Coding pins**

- CRM/CRM D and CRF/CRF D
- CRM CX/CRM CX D and CRF CX/CRF CX D

Each series of connector inserts is made in such a way as to make incorrect coupling between inserts of different series impossible.

When a number of identical connectors with different functions are mounted closely together these must be selected in such a way as to prevent the coupling of a mobile part on a non-corresponding fixed part and consequent damage and breakdown.

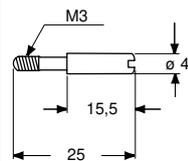
Code pins are supplied to apply in place of the normal insert fastening screws (see example below). In this way the coupling of identical connectors is assured. The combination of code pins makes it possible to obtain a high number of selective couplings.



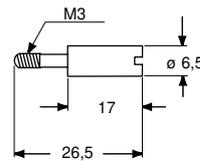
Even when coding is not required, it is recommended to use CRM and CRF pins with CD and CDD inserts to reduce movements when fitting and removing the connectors and to avoid contact damages.

Within this scope, the EN 175301-801 standard (former DIN 43 652) requires a maximum angular fluctuation of  $\pm 5^\circ$  on the long side,  $\pm 2^\circ$  on the short side.

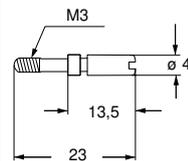
**CRM / CRM D**



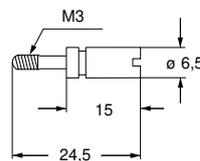
**CRF / CRF D**



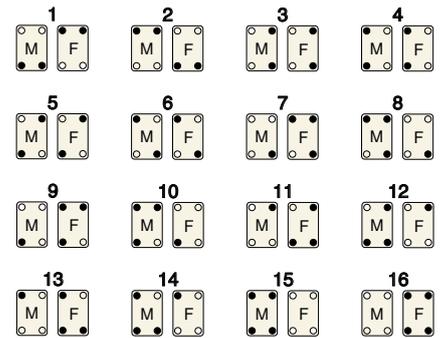
**CRM CX / CRM CX D**



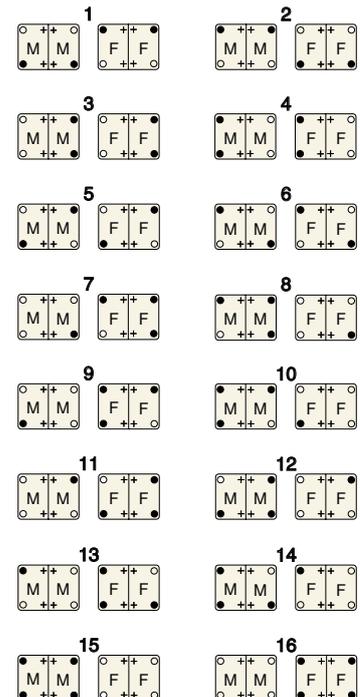
**CRF CX / CRF CX D**



**Application with single insert**



**Application with double inserts**



- female code pin (CRF/CRF D and CRF CX/CRF CX D)
- male code pin (CRM/CRM D and CRM CX/CRM CX D)
- + normal fixing screw
- M = male insert
- F = female insert

# CR coding pins

## coding and guide pins, for 72 codings



description	part No.	part No
double coding pins (excluding MIXO inserts) male pin female pin single code pin	stainless steel <b>CRM</b> <b>CRF</b> <b>CR 72</b>	zinc plated iron <b>CRM D</b> <b>CRF D</b> <b>CR 72 D</b>
double coding pins (for MIXO inserts only) male pin female pin single code pin	stainless steel <b>CRM CX</b> <b>CRF CX</b> <b>CR 72 CX</b>	zinc plated iron <b>CRM CX D</b> <b>CRF CX D</b> <b>CR 72 CX D</b>

### Coding pins

- CRM/CRM D, CRF/CRF D and CR 72/CR 72 D
- CRM CX/CRM CX D, CRF CX/CRF CX D and CR 72 CX/CR 72 CX D

Each series of connector inserts is made in such a way as to make incorrect coupling between inserts of different series impossible.

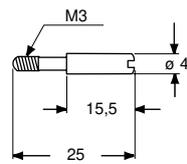
When a number of identical connectors with different functions are mounted closely together these must be selected in such a way as to prevent the coupling of a mobile part on a non-corresponding fixed part and consequent damage and breakdown.

Code pins are supplied to apply in place of the normal insert fastening screws.

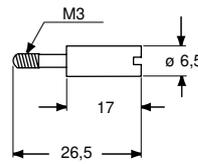
In this way the coupling of identical connectors is assured.

The combination of code pins makes it possible to obtain a high number of selective couplings.

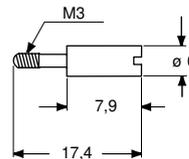
#### CRM / CRM D



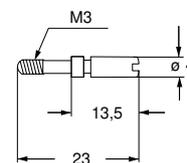
#### CRF / CRF D



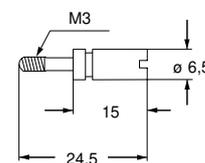
#### CR 72 / CR 72 D



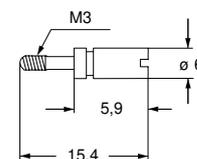
#### CRM CX / CRM CX D



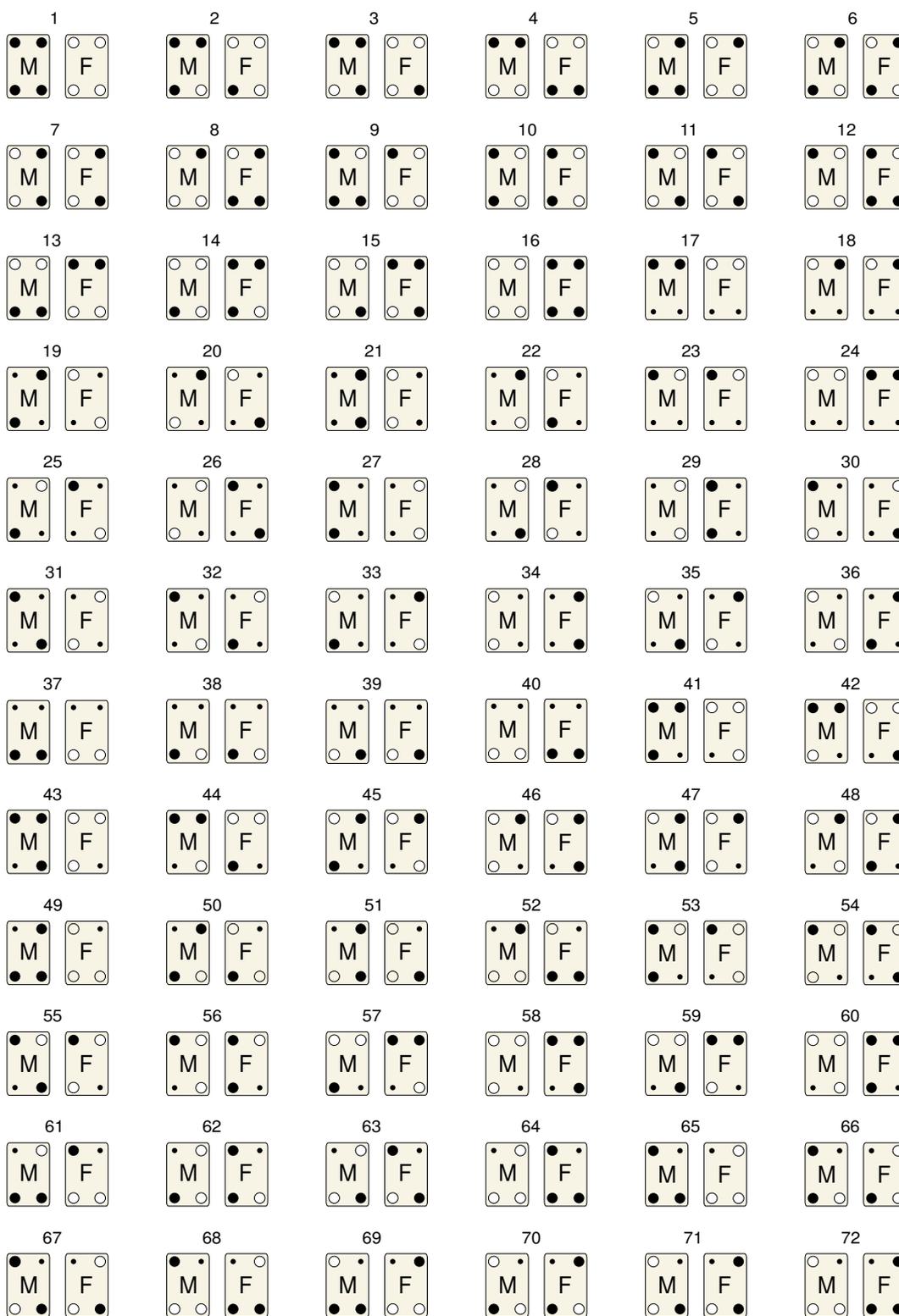
#### CRF CX / CRF CX D



#### CR 72 CX / CR 72 CX D



### Coding options using the three coding pins



- female code pin [CRF/CRF D and CRF CX/CRF CX D]
- male code pin [CRM/CRM D and CRM CX/CRM CX D]
- single code pin [CR 72/CR 72 D and CR 72 CX/CR 72 CX D]
- M** = male insert
- F** = female insert

# CR coding pins

coding pin  
for CK / CKSH 03 inserts

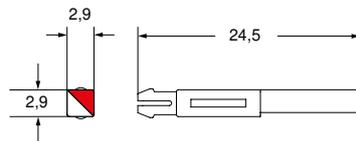


coding pins  
for CK / CKSH 04 inserts

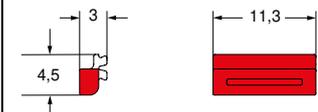


description	part No.	part No.	part No.
coding pin for CK/CKSH 03 inserts	<b>CR K03</b>		
coding pins for CK/CKSH 04 inserts		red <b>CR K04R</b>	yellow <b>CR K04G</b>

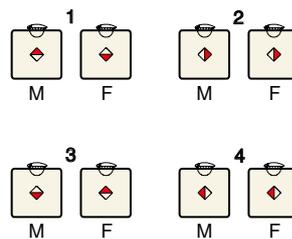
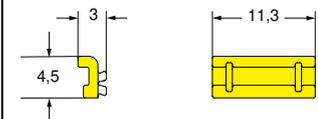
**CR K03**



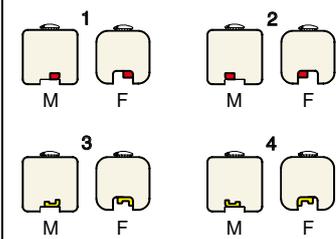
**CR K04R**



**CR K04G**

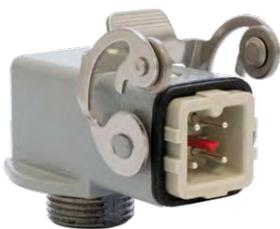


M = male insert  
F = female insert



M = male insert  
F = female insert

With coding pin  
CR K03



# CR coding pins

## coding pins for crimp inserts



## coding pin for CQ 12 inserts



description	part No.	part No.
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coding pins for CDC, CQ, CQE, CCE, CMCE, MIXO (16A) inserts  
pin to be inserted into one contact cavity of the female insert instead of the crimp contact, the corresponding contact cavity of the male insert must be left empty

**CR CPQ**

coding pins for CD and CDD inserts  
plastic pin, to be inserted into one contact cavity of the female insert instead of a crimp contact, the corresponding contact cavity of the male insert must be left empty

**CR CP**

coding pins for CQ 12 inserts

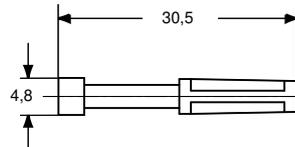
**CR Q12**

### Coding pins

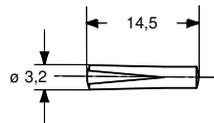
Each series of connector inserts is made in such a way as to make incorrect coupling between inserts of different series impossible.  
When a number of identical connectors with different functions are mounted closely together these must be selected in such a way as to prevent the coupling of a mobile part on a non-corresponding fixed part and consequent damage and breakdown.

Within this scope, special coding pins have been manufactured in order to restrict or avoid mating identical multiple connectors.  
By combining multiple coding pins, a high number of selected matings can be produced.

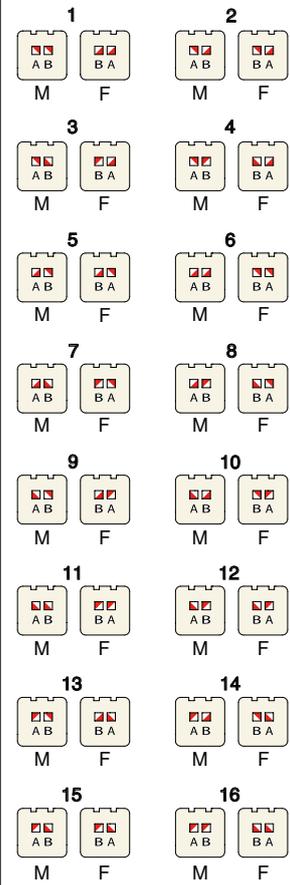
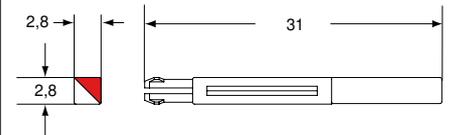
### CR CPQ



### CR CP



### CR Q12



[A B] CQ 12 coding pin      M = male insert  
F = female insert

With coding pin CR Q12



With coding pin CR CP



# CR coding pins

coding pin  
for CQF 07 insert



coding pin  
for CQM 07 insert



description

part No.

part No.

coding pins for CQF 07 inserts

**CR QF07**

coding pins for CQM 07 inserts

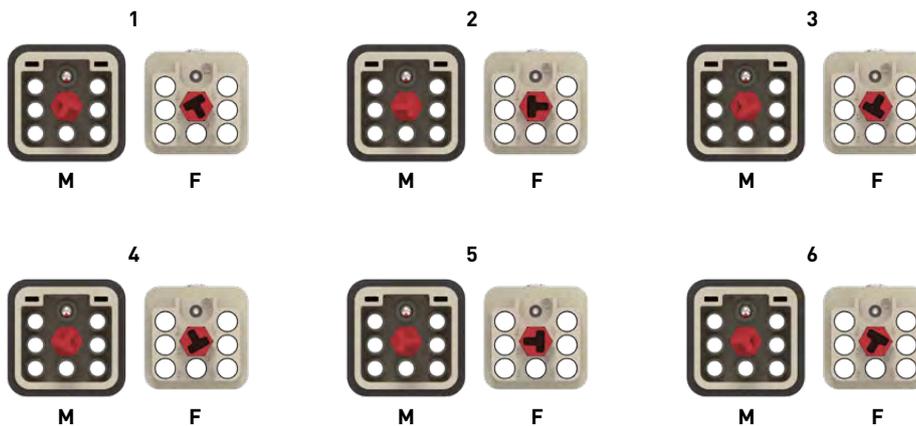
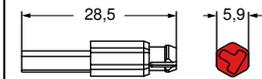
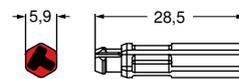
**CR QM07**

### Coding pins

Each series of connector inserts is made in such a way as to make incorrect coupling between inserts of different series impossible.

When a number of identical connectors with different functions are mounted closely together these must be selected in such a way as to prevent the coupling of a free part on a non-corresponding fixed part and possible consequent damage and breakdown.

Within this scope, special coding pins have been made available in order to restrict or avoid incorrect mating between multiple identical connectors.



M = male insert  
F = female insert

# CR coding pins

coding pins  
for crimp inserts

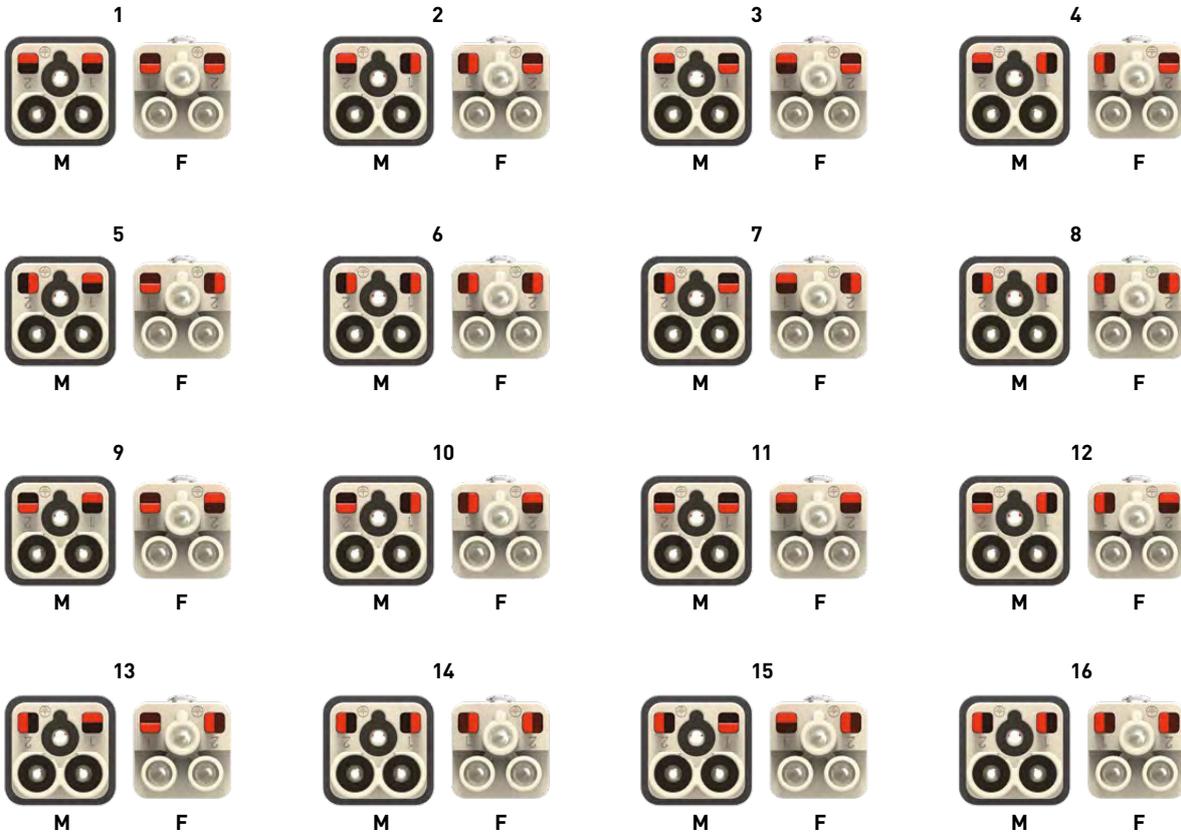
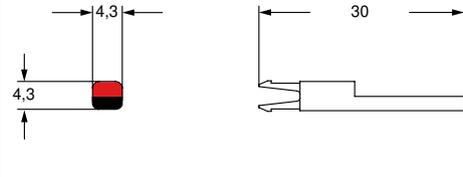


description	part No.
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coding pins (optional) for CQ4 02 inserts

**CR Q02**

It is possible to achieve up to **16 different codings** thanks to the use of **two optional CR Q02 coding pins: 4 coding pins for each connector coupling**. It is possible to install two pins with 4 positions each.



CR Q02 coding pins

M = male insert  
F = female insert

ACCESSORIES

# CR coding pins

coding pin  
for CQAM 12 T1 and CQ4F/M 03

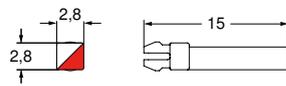


description

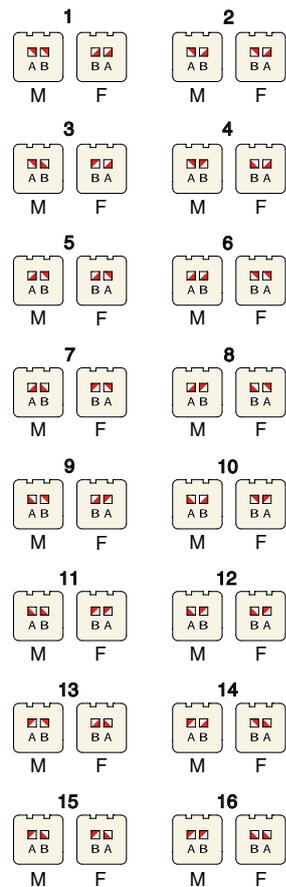
part No.

coding pin for CQAM 12 T1 termination connectors  
and for CQ4F/M 03 connectors

**CR Q03**



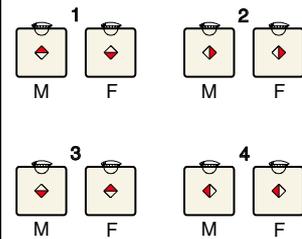
for CQAM 12 T1 (2 pins)



 (A B) CQ 12 coding pin

M = male insert  
F = female insert

for CQ4F/M 03 (1 pin)



M = male insert  
F = female insert

coding pin for crimp inserts



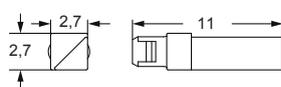
FROM JUNE 2020

description

part No.

coding pin (optional) for CQ4 03/2 inserts

CR Q03/2



CR Q03/2 CODING OPTIONS



M

F



M

F



M

F



M

F

Thanks to the use of the **optional CR Q03/2 coding pin** it is possible to achieve up to **4 different codings**.

# CR coding pin

coding pin



description

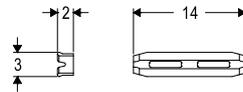
part No.

plastic coding pin

CR Q08E

Q It is possible to achieve up to **6 different codings** thanks to the use of the optional CR Q08E coding pin: 4 coding pins are required for each connector coupling.

Q It is necessary to install two coding pins on each connector part.



## CR Q08E CODING OPTIONS

