

single code pins for 6 codings



selectivity using single code pins



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

CR 20/CR 20 D and CR 20 CX/CR 20 CX D code pins

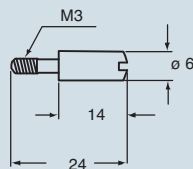
Each series of connector inserts is made in such a way as to make incorrect coupling between inserts of different series impossible.

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.

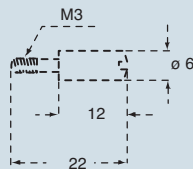
Code pins are supplied to apply in place of the normal insert fastening screws (see example below). In this way the coupling of identical connectors is assured. The combination of code pins makes it possible to obtain a high number of selective couplings.

dimensions in mm

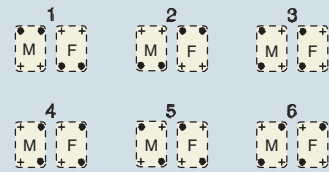
CR 20 / CR 20 D



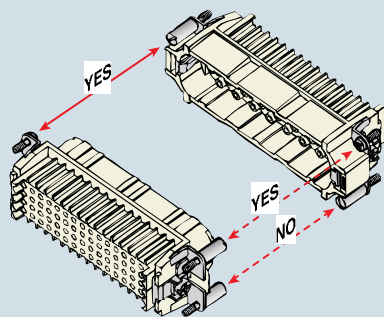
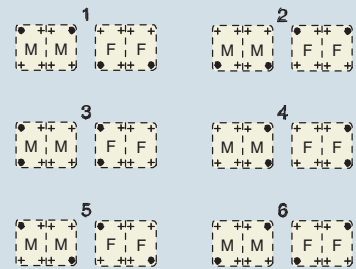
CR 20 CX / CR 20 CX D



application with single insert



application with double inserts



dimensions shown are not binding and may be changed without notice

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

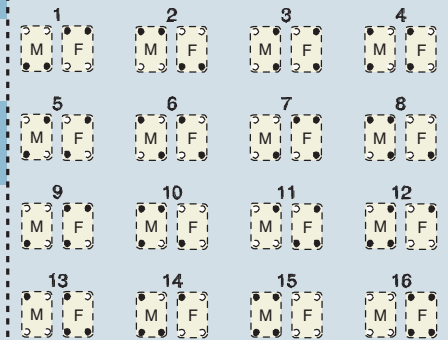
double coding and guide pins, for 16 codes

selection is made by using double coding and guide pins



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

application with single insert



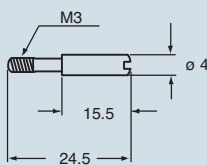
Code pins
- CRM/CRM D and CRF/CRF D
- CRM CX/CRM CX D and CRF CX/CRF CX D

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.

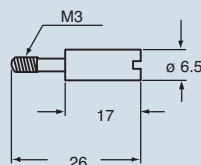
Code pins are supplied to apply in place of the normal insert fastening screws (see example below). In this way the coupling of identical connectors is assured. The combination of code pins makes it possible to obtain a high number of selective couplings.

dimensions in mm

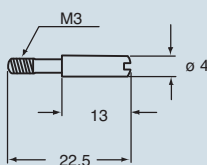
CRM / CRM D



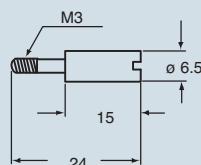
CRF / CRF D



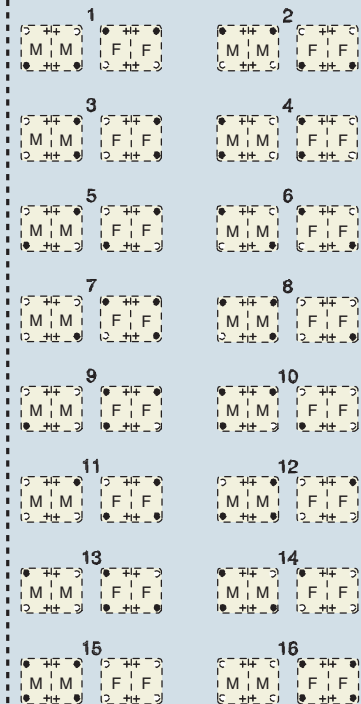
CRM CX / CRM CX D



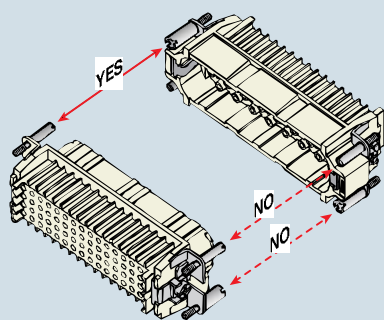
CRF CX / CRF CX D



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



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 standard DIN 43 652 requires a maximum angular longitudinal fluctuation of $\pm 5^\circ$.

dimensions shown are not binding and may be changed without notice

plain coding pins
for crimp inserts



plain coding pins
for CQ 12 inserts



description	part No.	part No.
coding pins for CDC, CQ, CQE, CCE, CMCE, MIXO (16A) inserts - pin to be inserted instead of a crimp contact	CR CPQ	
coding pins for CD 07 and CD 08 inserts - plastic pin, to be inserted instead of a crimp contact	CR CP	
coding pins for CQ 12 inserts		CR Q12

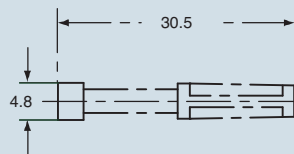
Code pins

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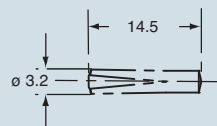
Within this scope, special coding pins have been manufactured in order to restrict or avoid mating identical multiple connectors. By combining multiple coding pins, a high number of selected matings can be produced.

dimensions in mm

CR CPQ

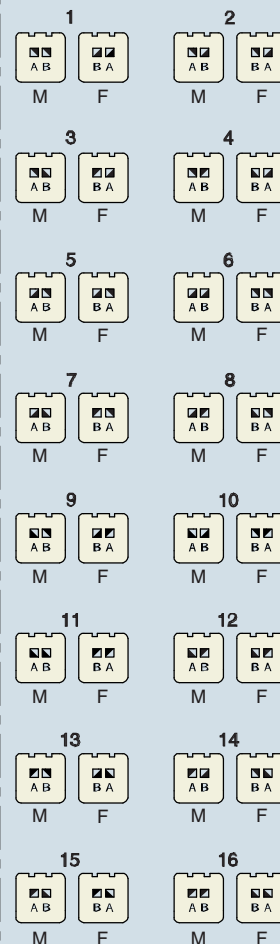
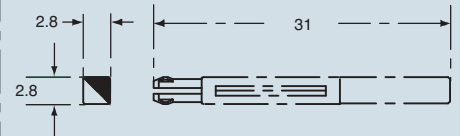


CR CP



dimensions in mm

CR Q12



M = male insert
F = female insert

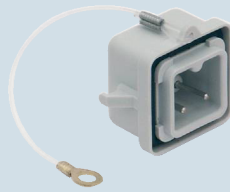
(A B) CQ 12 coding pin



CR Q12

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terminal connector
for CKF 03 inserts

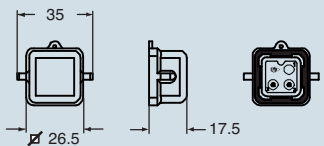


description	part No.
with pegs and seal, connects pole 2 with pole 3 with pegs and seal, connects pole 1 with pole 2	CKM 03 T1 CKM 03 T3

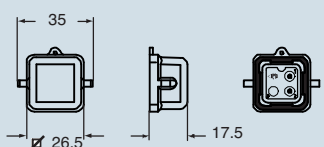
When the terminal connector is mated with a CKF/CKSF 03 insert (complete with an enclosure with lever), it performs a dual function:
- connects two socket insert poles
- acts as a cover (IP65 protection rating compliant with EN 60529 standard, with lever closed).

dimensions in mm

CKM 03 T1



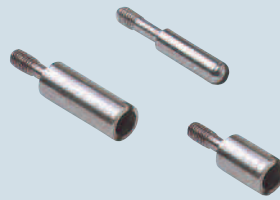
CKM 03 T3



- interconnected male contacts

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coding and guide pins,
for 72 codes



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

Code 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.

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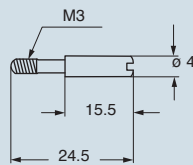
Code pins are supplied to apply in place of the normal insert fastening screws.

In this way the coupling of identical connectors is assured.

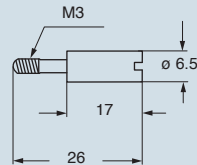
The combination of code pins makes it possible to obtain a high number of selective couplings.

dimensions in mm

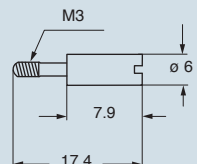
CRM / CRM D



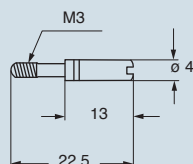
CRF / CRF D



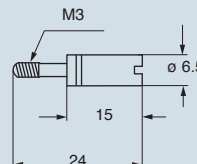
CR 72 / CR 72 D



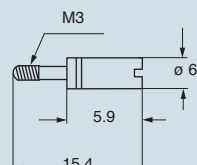
CRM CX / CRM CX D



CRF CX / CRF CX D



CR 72 CX / CR 72 CX D



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coding selection using the three coding pins

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72

- 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