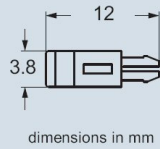
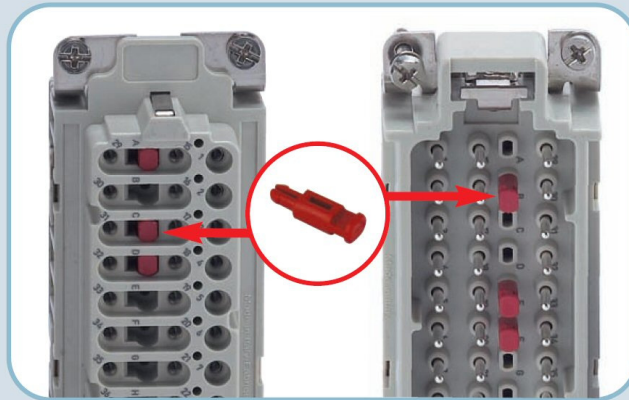


## CR CDS coding pin



It is possible to insert in the front area the new CR CDS coding pin that enables the polarisation of inserts in a wide range of combinations. This means that it is possible to install side by side identical connectors with different functions. The new CR CDS coding pins can also be used in combination with other CR 20 / CRM / CRF / CR 72 metal pins instead of insert fixing screws in order to increase the number of possible combinations.



Each position of the coding pin used on the female insert must correspond to an unused position on the male insert. The required number of coding pins, depending on the size of connectors, and the maximum number of possible codings is shown in the following table.

### CDS series - Coding with CR CDS pins

Size of connectors	Slots for coding pins (M) = male insert (F) = female insert	Required coding pins for each coupling	Possible codings
9P+⊕	3 (M) + 3 (F)	3	$2^3 - 2^{(1)} = 6$
18P+⊕	6 (M) + 3 (F)	6	$2^6 - 2 = 62$
27P+⊕	9 (M) + 9 (F)	9	$2^9 - 2 = 510$
42P+⊕	14 (M) + 14 (F)	14	$2^{14} - 2 = 16.382$

<sup>(1)</sup> This excludes the two codings where all the coding pins are on one side only (male or female insert) because they are ineffective.