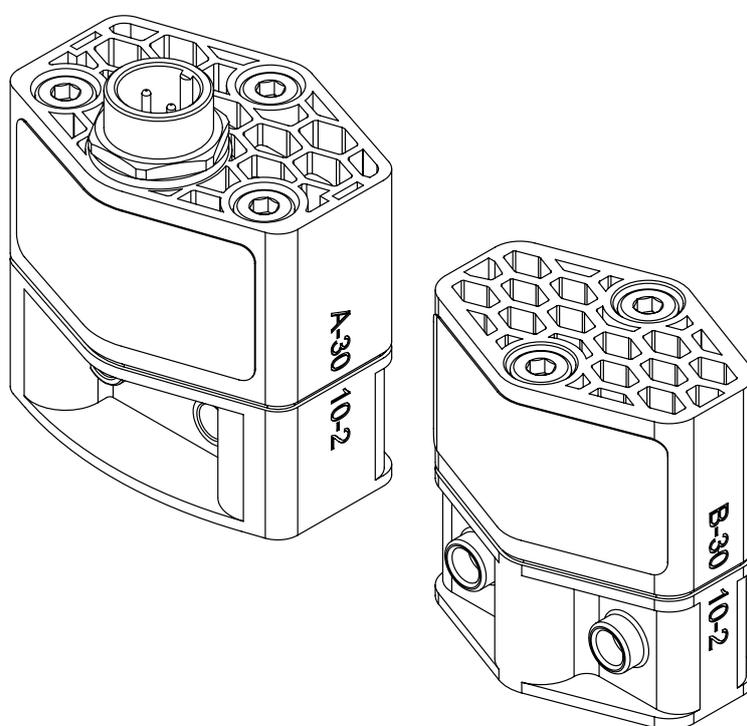


# BCD-CC

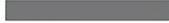
## Installation manual



## Introduction

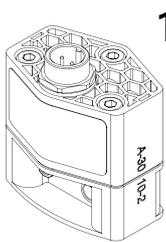
### 1.1 Product description

The BCD-CC set enables electrical-continuity measurement for detecting breaks in belts. It uses two connectors, A and B, installed at opposite ends of each belt. Dinacell has developed different models adapted to the various belt types available on the market.

Code	Size (mm)	Number of cores	Pitch	Belt format	Model
01	25x3.3	8	2.8		BCD-CC 2508-1
02	30x3.3	10	2.9		BCD-CC 3010-2
03	30x3.3	10	2.7		BCD-CC 3010-3
04	30x3.3	12	2.45		BCD-CC 3012-4
05	30x4.5	12	2.45		BCD-CC 3012-5
06	36x3.3	12	2.9		BCD-CC 3612-6
07	37x3.3	12	3		BCD-CC 3712-7
08	40x4.5	16	2.5		BCD-CC 4016-8
09	44x3.5	14	3		BCD-CC 4414-9
10	50x4.5	20	2.5		BCD-CC 5020-10
11	60x3.3	20	2.8		BCD-CC 6020-11
12	60x4.5	24	2.5		BCD-CC 6024-12
13	33x3.7	8	4		BCD-CC 3308-13
14	60x3.3	24	2.8		BCD-CC 6024-14
15	26x3.3	8	3.15		BCD-CC 2508-15

### 1.2 Installation components

#### Included



1x

BCD-CC (A): installed next to the measuring device at one end of the belt.



1x

BCD-CC (B): installed at the opposite end.



6x

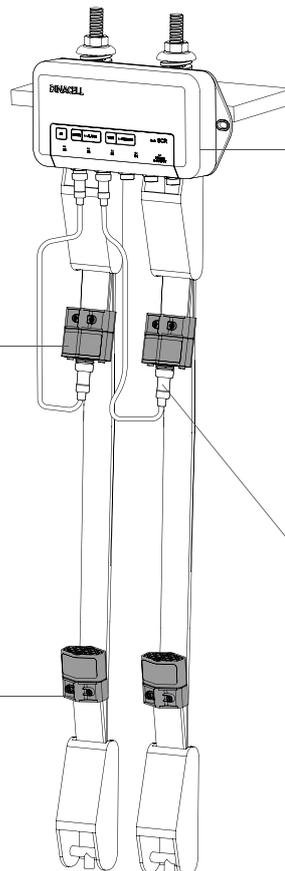
Mounting hardware (screws) to fasten the connector to the belt.

#### Not included

Broken-belt detection device.

BCD-to-device pigtail/connection lead.

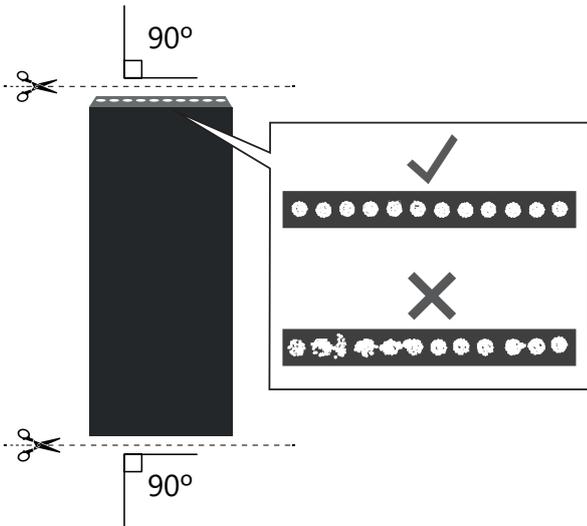
Pigtail type	Compatible devices	
GX12-2P	WBD-602	INSPEK
GX12-GX12	SCR	



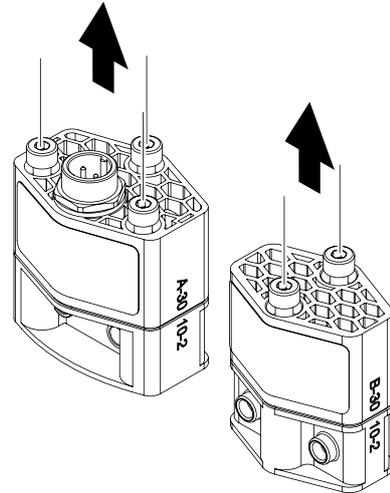
## Step-by-step installation

To install the BCD-CC connectors, you will need M2 and M3 Allen keys, as well as a tool capable of making a clean cut in the belt, for example an angle grinder.

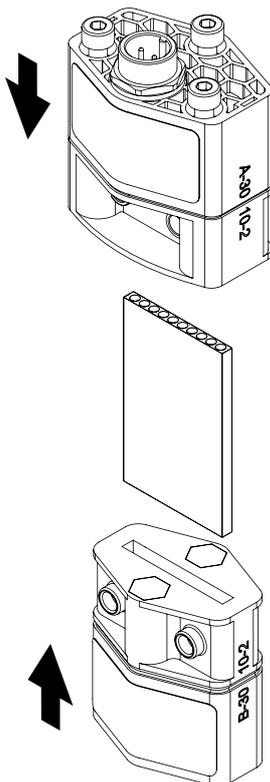
- 1** The belts must be cut cleanly at 90°; make sure no core touches another and that there is no rust.



- 2** Loosen the screws without removing them.

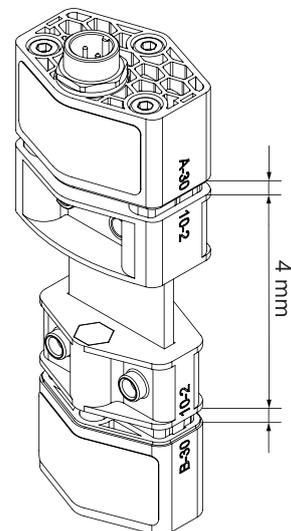


**3**

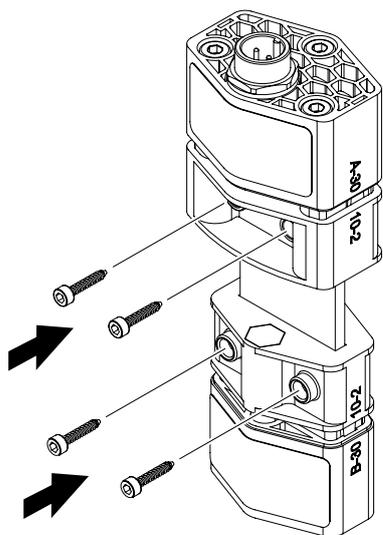


**4**

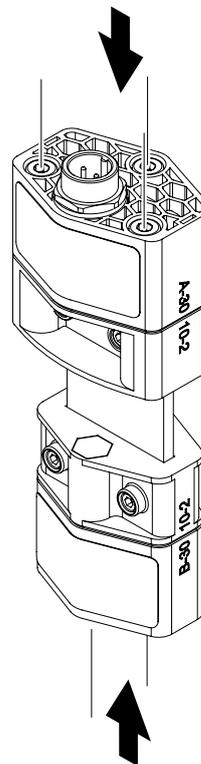
- To ensure proper contact, when inserting the connector into the belt you will notice how the belt itself pushes the lower part of the connector, keeping it open, as shown in the image.



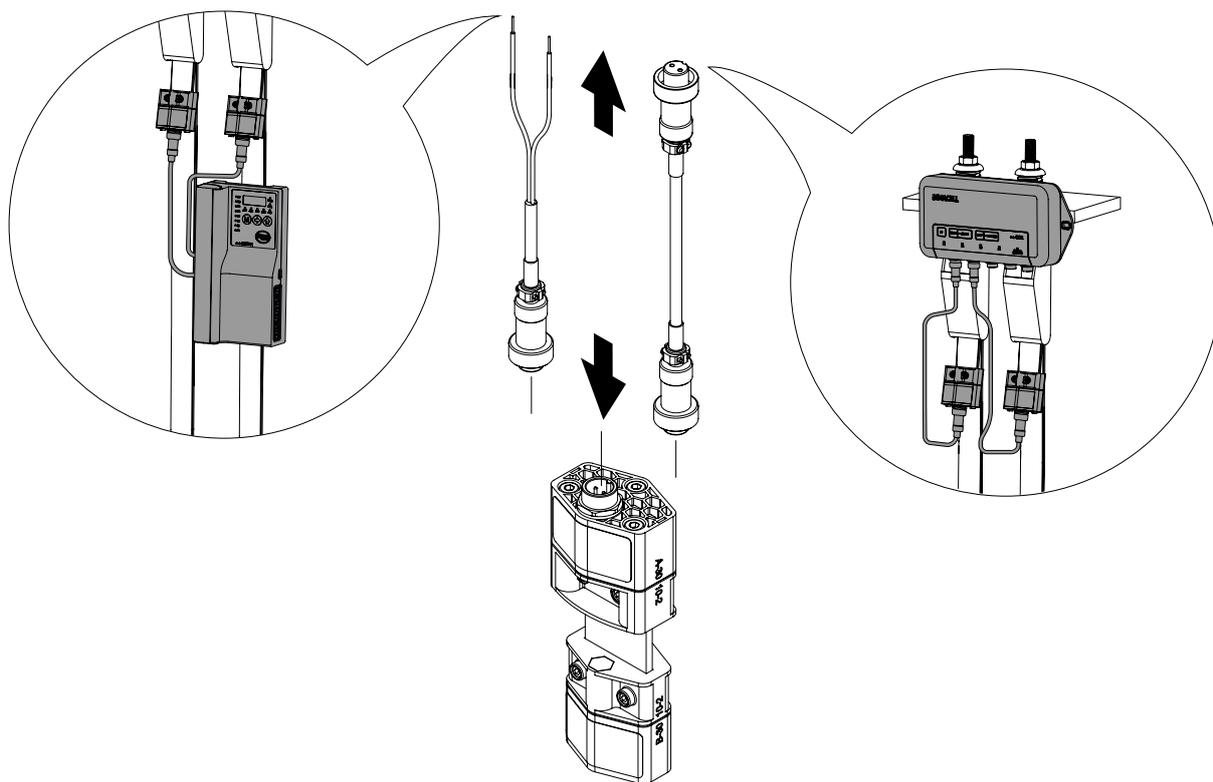
**5** Keeping the opening created by inserting the belt, insert the fastening screws.



**6**



**7**



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