

A

Connection type	Circuit diagram page	Connector type
Power connection	2	Amphenol Powerlok connector PL00...-301-90M8
Signal Connection		Amphenol M12 B code connector, 4pole, C10-700581-4BP
Signal Connection	3	Amphenol M12 B code connector, 4pole, C10-700581-4BP
Heater Connection		Amphenol M12 A code connector, 8-pole, CJE12CRST08PWAF Amphenol M12 B code connector, 4pole, C10-700581-4BP

B


C

D

E

A	2	Document Created	2022-08-26/EG
B	1	Updated Table of Contents	2022-10-07/PD
	2	Updated Signal Font size	
	3	Updated Front view symbols	
C	2	CR 16066, Added note regarding Powerlok connection.	2024-06-24/GT
Rev.ind.	Page	Description	Date/Init.

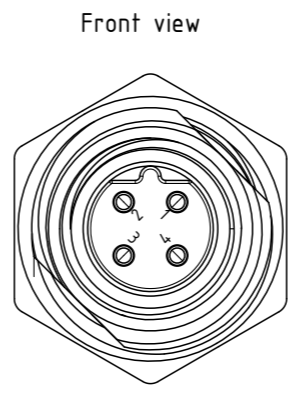
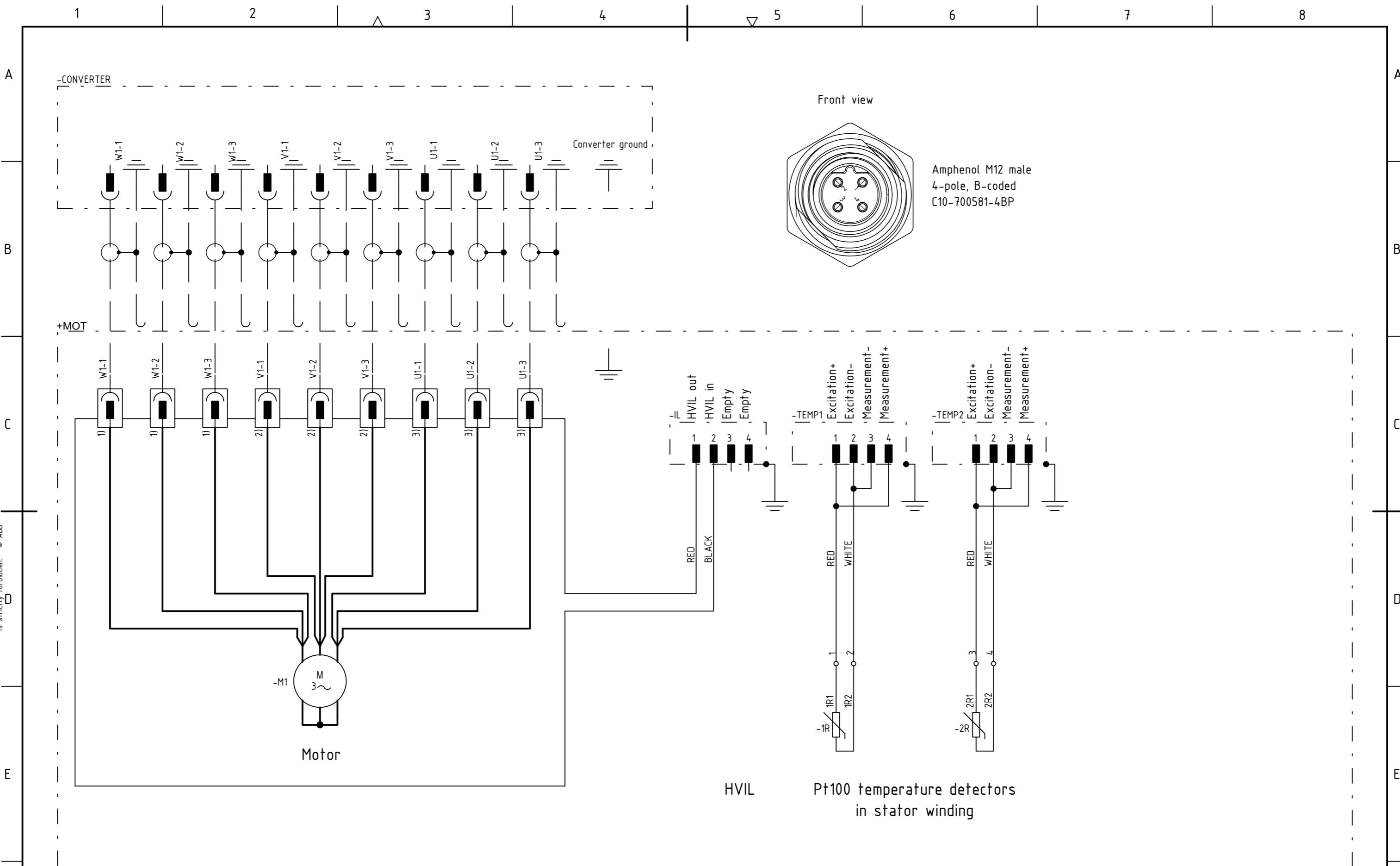
F

Based on		Prepared 2022-08-30 E.Gülen	Title Circuit diagram List of contents		External doc. id.						
Customer Turgi		Approved 2024-06-25 B. Gothilander			Ref. designation						
Project no. L900031-BE	Project name E-BUS	Work order id.	Resp. (division/department) MVC	Released		Document kind Circuit diagram	Document id. 3BSM625000-10	Rev. C	Lang. en	Page 1	Cont. 2

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Amphenol M12 male
4-pole, B-coded
C10-700581-4BP

- 1) Amphenol Powerlok connector PL00X-301-90M8
- 2) Amphenol Powerlok connector PL00V-301-90M8
- 3) Amphenol Powerlok connector PL00U-301-90M8

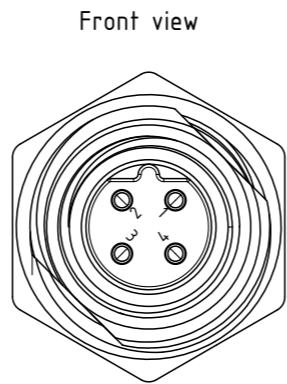
All nine (9) Powerlok connectors must be connected and used for power supply. Powering the product with less number of Powerlok connectors will damage the product.

HVIL Pt100 temperature detectors in stator winding

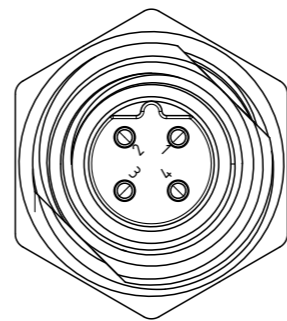
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Customer Turgi		Approved 2024-06-25 B. Gothilander				Ref. designation					
Project no. L900031-BE	Project name E-BUS	Work order id.	Resp. (division/department) MVC	Released	ABB	Document kind Circuit diagram	Document id. 3BSM625000-10	Rev. C	Lang. en	Page 2	Cont. 3

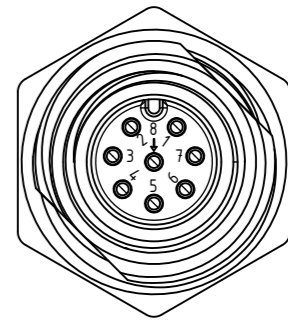
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Amphenol M12 male
4-pole, B-coded
C10-700581-4BP

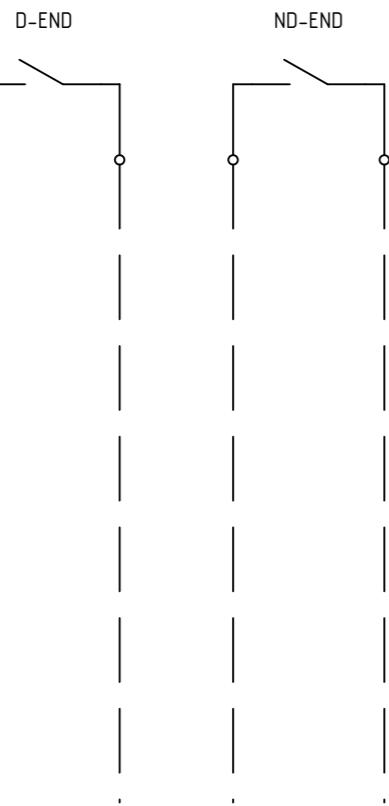


Amphenol M12 male
4-pole, B-coded
C10-700581-4BP

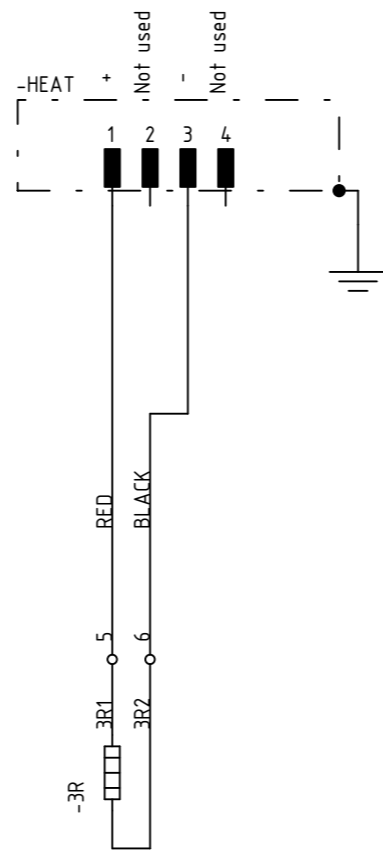


Amphenol M12 male
8-pole, A-coded
CJE12CRST08PWF

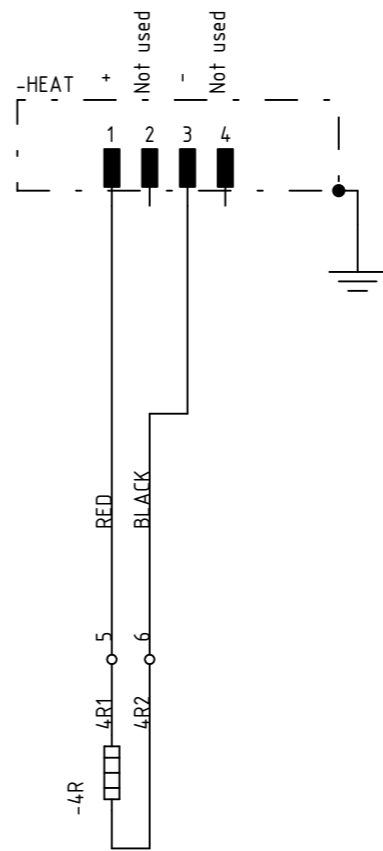
+MOT



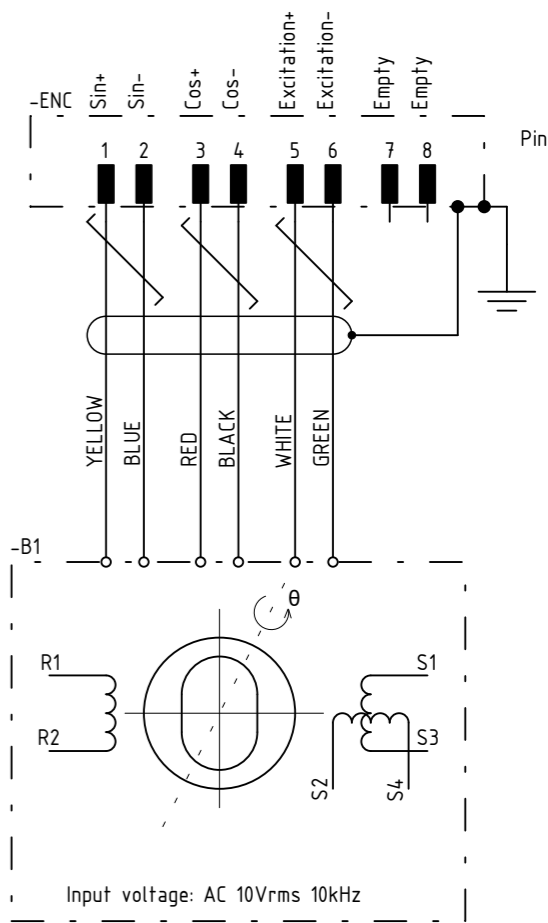
Optional Float detector,
variant code VC056



Optional Heater 100-120V,
variant code VC450



Optional Heater 220-240V,
variant code VC451



Optional Resolver, variant code VC848

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