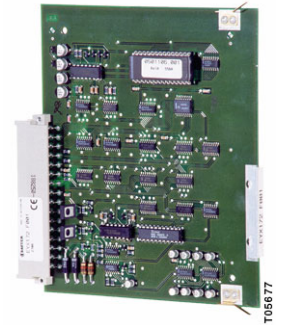


EYX172: nova106, Driver card for AO 0...10 V

The driver card forms the interface to two moduLink170 field modules. It uses a special field telegram to transmit positioning commands to, and receive feedback signals from, the external units. Connection to the field module is effected via novaLink; the minimum distance between card and unit should be 100 m.

Application: for activating the moduLink170 external field modules



Products

Type	Description	Weight (kg)
EYX172F001	Driver card for AO 0...10 V	0.17

Technical data

Electrical supply	
Power supply	from rack
Power loss, max.	120 mA
Electrical supply	approx. 0.1 W

Permitted ambient conditions	
Operating temperature	0...45 °C
Storage and transport temperature	-25...70 °C
Humidity	10...90% rh no condensation

Inputs / Outputs	
Field telegram novaLink	100 m max. (5 nF/7.5 Ω) twisted and shielded, both ends to earth
Number of outputs moduLink170	2x EY-FM170 ≙ 8 x 0...10 V

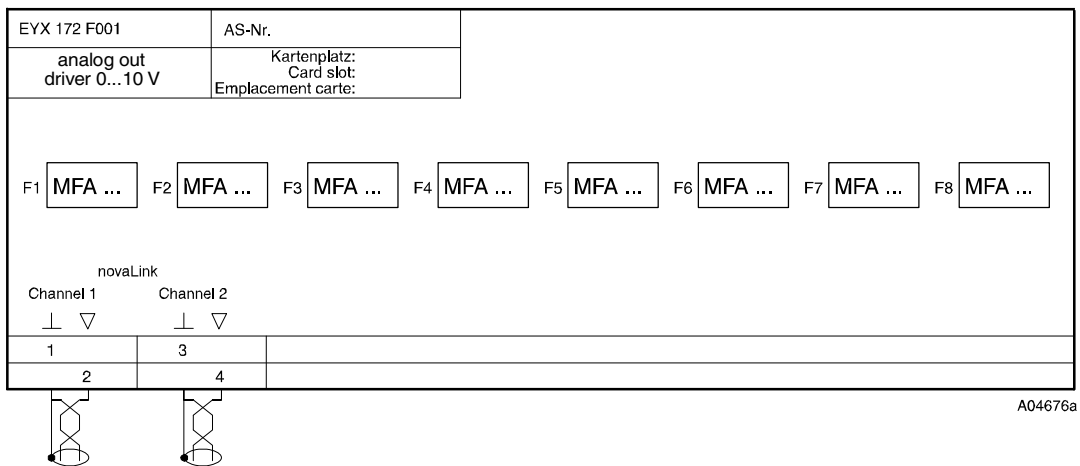
Standards, guidelines and directives	
CE conformity as per	
EMC Directive 2004/108/EC	EN 61000-6-1/EN 61000-6-2
	EN 61000-6-3 EN 61000-6-4

Additional information	
Fitting instructions	MV 505541
Wiring diagram	A04676

Engineering notes

- The card is inserted in either a EYU109 or EYU108 rack.
- The connection of the novaLink170 units is via novaLink. Each unit has its own connection. The field telegram and the power supply are transmitted via this point-to-point link.
- The card has no optical elements for showing the feedback signal.

Wiring diagram



Example of connection

