

Specification

GEMÜ F60 and 567 servoDrive

Customer/Project _____ Contact person _____
Date _____ Phone _____
Contact person (GEMÜ) _____ E-mail _____

In which application are you going to use the valve and what will be its task?

Valve type

Note: Please fill out the control valve specification sheet and submit as well.

Which valve do you need?

GEMÜ F60 servoDrive

GEMÜ 567 servoDrive

Controller

Controller GEMÜ 1282 is needed to actuate the actuator GEMÜ servoDrive.

Which Ethernet protocol will be used for the actuation?

ProfiNet

Ethernet/IP

EtherCAT

Sercos

Where will the controller be used and which electrical protection class should the controller have?

In the field/IP 65

In the control cabinet / IP 20

Cable lengths

Motor to controller IP 65: 3 m

Motor to controller IP 20: 3 m + 5 m = 8 m

Do you need an additional 5m extension cable between the motor and controller?

Yes

No

Power supply/power supply unit

Do you have a 48 V DC power supply for the actuator GEMÜ servoDrive?

Yes

No

Do you have a 24 V DC power supply for the controller GEMÜ 1282?

Yes

No

Accessories

What additional accessories are required (power supply units, cables)? See overview on the following pages.

The technical details of each enquiry must be checked by GEMÜ.
Please complete and send this form to your contact person at GEMÜ.

Ordering information for the controller for GEMÜ servoDrive valves

Controller GEMÜ 1282 with protection class IP65

Fieldbus cable

M12-M12 item: 88783860 / 88585104

Digital inputs/outputs

Cable for digital inputs/outputs
item: 88758155

Motor connection

Extension motor connection
cable item: 88756498

PC/Notebook

Commissioning - diagnostic
cable item: 88756500

PLC/fieldbus

Network cable M12-RJ45
item: 88450499 / 88450500 / 88450502

Power supply unit

48 V DC: Item: 88667799/88667800
24 V DC: Item: 88660400/88660401
Power supply cable
item: 88756497



Control valve GEMÜ 567
with GEMÜ 1282 controller

Controller GEMÜ 1282 with protection class IP20

**PLC/
Fieldbus**

Digital inputs/outputs

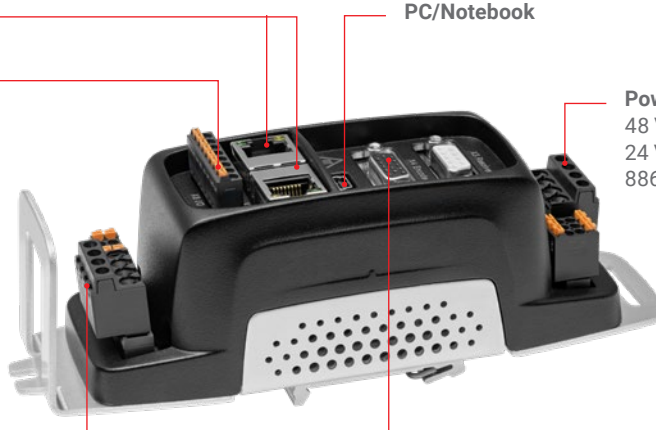
PC/Notebook

Power supply unit

48 V DC: Item: 88667799/88667800
24 V DC: Item: 88660400 /
88660401

Motor connection

Motor connection cable
item: 88756499
Extension motor connection cable
item: 88756498



Ordering information for the controller for GEMÜ servoDrive valves

Protection class IP65 - GEMÜ 1282 controller with GEMÜ 1219 connection cables					
	Item number	Order code	Description	Length	Necessity
	88742959	1282 MEZ65 C1	Controller with Multi-Ethernet interface	-	required
	88756497	1219000Z0300DG05M0IC09	Power supply cable	5 m	required
	88756498	1219000Z03DGS05M0IC15	Motor connection cable extension	5 m	optional
	88450499	1219000Z00RJSG01M0M124D	Network cable M12-RJ45	1 m	optional
	88450500	1219000Z00RJSG04M0M124D	Network cable M12-RJ45	4 m	required
	88450502	1219000Z00RJSG15M0M124D	Network cable M12-RJ45	15 m	optional
	88783860	1219000Z00SGSG02M0M124D	Fieldbus cable M12-M12	2 m	optional
	88585104	1219000Z00SGSG05M0M124D	Fieldbus cable M12-M12	5 m	optional
	88756500	1219000Z03UASG03M0M125A	Commissioning diagnostic cable USB	3 m	required
	88758155	1219000Z0000DG05M0M128A	Cable for digital inputs/outputs M12-8pin	5 m	required

Protection class IP20 - GEMÜ 1282 controller with GEMÜ 1219 connection cables					
	Item number	Order code	Description	Length	Necessity
	88742953	1282 MEZ20 C1	Controller with Multi-Ethernet interface	-	required
	88756499	1219000Z0300DG05M0IC15	Motor connection cable	5 m	required
	88756498	1219000Z03DGS05M0IC15	Motor connection cable extension	5 m	optional

GEMÜ 1573 power supply unit					
	Item number	Order code	Description	Supply of	Necessity
	88660400	1573000ZRPS51C105000000	Power supply unit 24 V - 5 A	Controller GEMÜ 1282	optional
	88660401	1573000ZRPS51C110000000	Power supply unit 24 V - 10 A	Controller GEMÜ 1282	optional
	88667799	1573000ZRPS51D105000000	Power supply unit 48 V - 5 A	F60 adaption size 1 & 3	required
	88667801	1573000ZRPS51D110000000	Power supply unit 48 V - 10 A	567 & F60 adaption size 4	required

* One power supply unit can also supply several controllers with 24V control voltage

Note

- 1) For the installation and operation of the valve and controller, extensive knowledge of PLC programming and the actuation of servo drives is required.
- 2) Within the scope of the GEMÜ Service services, we will be happy to support you during commissioning.
- 3) GEMÜ does not provide PLC application programs. Compatibility between PLC and the GEMÜ 1282 controller must be checked by the customer.