

QUICK GUIDE

DAVR 1000



DESCRIPTION

In this quick guide we want to explain how to connect the cables of the DAVR-1000 centrifugal system to a control system.



WARNING!

A maintenance technician is required to carry out the process. If you are not careful, you risk creating damage to the component, for which DAV Tech is not responsible.

The centrifugal system is used to perform radial dosing of anaerobic fluids (i.e. fluids that, in contact with particular materials such as metal, react and damage it), which may be within areas where it would not be possible to access them with a normal dosing system. In this case, the component is only electronically powered.

TECHNICAL FEATURES		
Description	UdM	Values
Electrical Characteristics		
Continuous supply voltage	V	24
Current consumption	A	2.64
Engine RPM	rpm	9800
Time to reach top speed	s	0.5
Mechanical characteristics		
Materials used in contact with the fluid	\	PA-12
Type of valves		
DA 400 Mini PEEK		
FROM 400 EV		
FROM 250		
PCP-005		
PCP-015		
PCP-050		
Type of fluids		
Anaerobic low and medium viscosity fluids		



DANGER!

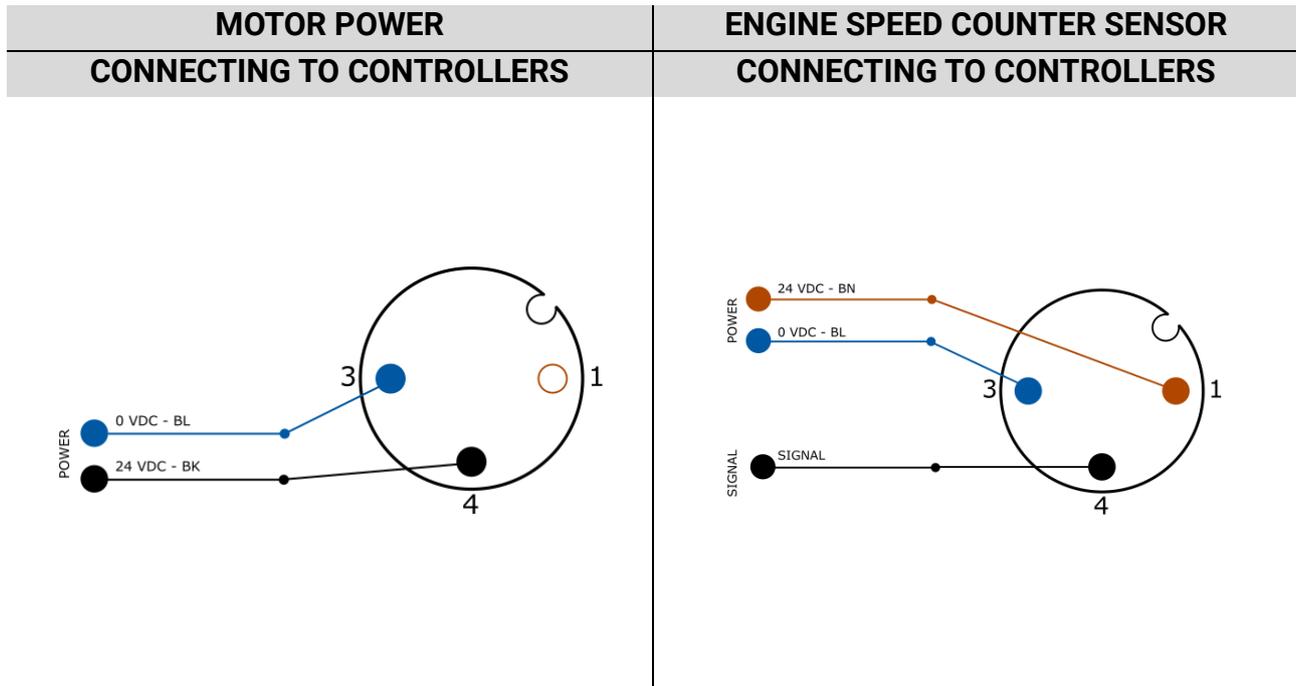
Be careful with direct current (DC) wiring, as reversing the cables will damage the component, damaging it permanently, and may also cause fire.



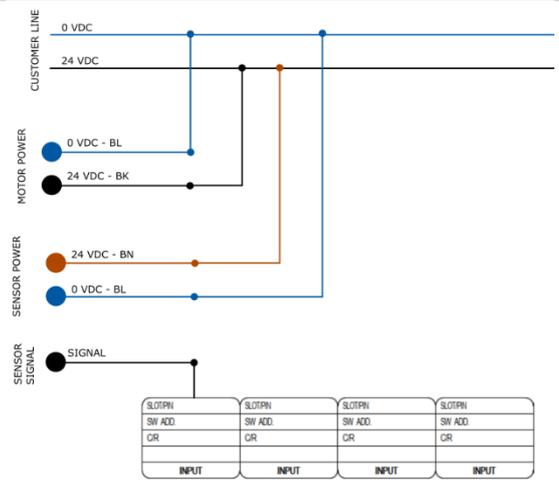
WARNING!

You are asked to work in the absence of voltage when wiring

WIRING



CONNECTION TO PLC



APPLICATION NOTES:

1. For connection to PLCs, you need to see the wiring diagram of the project to actually understand where they need to be connected precisely. If it is an external wiring diagram, ask the manufacturer for more information.
2. For each model of dosing system there is a particular controller with which it is compatible, namely:
 - a. DA 400 Mini PEEK, DA 400 EV and DA 250 valves need the 2000 smart controller;
 - b. Le pompe PCP-005, PCP-015 e PCP-050 hanno bisogno del controller PCP EVO.



DAV TECH SRL

Via Ravizza, 30
36075, Montecchio Maggiore,
VICENZA – ITALY
Tel. +39 0444 574510
Fax. +39 0444 574324
davtech@davtech.it
www.davtech.it

DAV TECH POLAND SP. ZO.O.

Ul. Krakowska, 116
32-083, Balice
POLAND
Tel. +48 12 278 50 76
davtech@davtech.pl
www.davtech.pl

Follow us on

