

Electronic Module PQDXXA-PROFINET-Z10 Series PVplus

Features

- Control, monitor and parameter setting via Profinet ® interface
- Covers all displacements and controls (pressure, displacement, power)
- Quick and easy integration with available GSDML and predefined and online available function blocks for I/Os as well as parametrization
- Full integration into overlaying machine control (PLC + HMI) Process parameter, Static Parameter, Conditions
- Predefined data sets for Plug&Play commissioning
- Quick and easy wiring with Push in contact blocks
- Switch function with two RJ45 ports
- Alternative Connection via USB cable (USB-A/USB-B)
- Compatible to the relevant european EMC specification
- Certified by Profibus User Organisation
- Easy error diagnosis

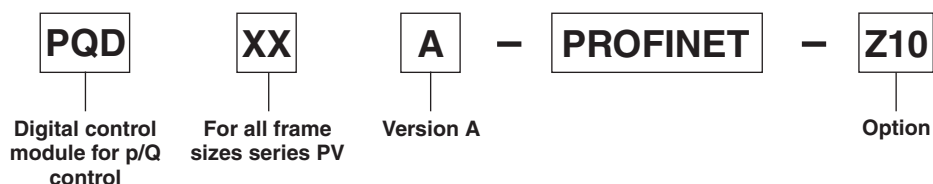


Technical data

Mounting style		Snap-on mounting for EN50022
Body material		Polyamide PA6.6
Inflammation class		V0 acc. UL 94
Mounting position		any
Env. temperature range	[°C]	-20...+55
Protection class		IP 20 acc. DIN 40 050
Weight	[g]	260
Duty ratio	[%]	100
Supply voltage	[V]	18...30VDC, ripple <5% eff.
Rush in current	[A]	22 for 0.2 ms
Current consumption	[A]	< 4 for p/Q control ; < 2 for Q-control
Resolution Input Command	[%]	0.025 (power 0.1)
Interface		2 x RJ45, USB-B
EMC		EN61000-6-2: 2005 (Immunity), EN61000-6-3: 2007 +A1: 2010 (Emission)
Connectors		Push in terminals 0.2...2.5 mm ² , plug in style
Cables	[mm ²]	Supply and solenoid cables; 1,5 mm ² (AWG16) overall braid shield. Sensor and command signals; 0,5 mm ² (AWG20) overall braid shield
Max. cable length	[m]	50

Further information at bulletin HY30-3256-INST/UK

Ordering code



Programming software

The programming of the p/Q control module is done in an easy to learn mode. To select the pump model and size and to set the control parameters the program ProPVplus must be started. The program runs under common windows systems.

Latest software available at:
www.parker.com/pmde

Features

- Display and documentation of parameter sets
- Save and reload of optimized parameter sets
- Offers oscilloscope function for easy performance evaluation and optimization
- Parameter sets for all PVplus pumps are pre-installed in the modules