



EcoPUC A

Control units for air operated pumps

Product families

EcoPUC A – control units for air operated pumps



EcoPUC A

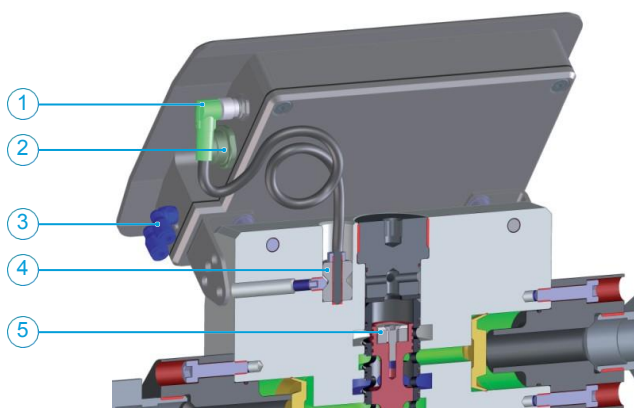
Control units for air operated pumps

The **EcoPUC A** is an intrinsically safe control unit, used to monitor pneumatic pumps (e.g. **EcoPump VP** or **EcoPump HP**) while in operation. A reed-sensors enables the **EcoPUC A** to count the pumps current number of cycles. Additionally an intelligent algorithm identifies when the pump runs dry. The integrated solenoid valve stops the pump when running dry, to avoid excessive wear. The **EcoPUC A** also reminds the maintenance personnel when the pump seals have to be exchanged. A Profibus PA interface allows to intercommunicate with external PICs.



PRODUCT LINE			
	EcoPUC A	EcoPUC A RA	EcoPUC A RA BUS
Part No.	F30300001	F30300002	F30300003
Related products	EcoPump VP EcoPump HP	EcoPump VP EcoPump HP	EcoPump VP EcoPump HP
Proximity switch with reed switch	yes	yes	yes
Control air	No	yes	yes
Profibus PA	No	No	yes
Functions	Flow rate / Wear monitoring / in Ex zone	Flow rate / Wear monitoring / Runaway / in Ex zone	Flow rate / Wear monitoring / Runaway / in Ex zone / Bus communication

TECHNICAL ILLUSTRATION



1 Reed-Sensor Interface, 2 Profibus PA interface, 3 "Run Away" valve, 4 Reed-Sensor, 5 Magnet

CUSTOMER BENEFITS



- Prevention of dry run situations
- Predictive maintenance
- Status surveillance on external PICs
- Easy-to-use menu structure
- Worldwide language support