

PROFI *PILOT*

Wireless Control System with Touch-Screen



Operations using a 7" Touch-Screen

For slurry pumps with tap shaft, electric motor, V belts, magnetic couplings or Diesel unit

Can be supplied with suitable electrical control system

View measured values in real-time and switch on actuators over long distances



World record
best range with new
wireless module



Measured values
displayed in real-time



Multifunctional
application-specific
solutions

PROFI PILOT

Wireless Control System with Touch-Screen

The **PROFIPilot** has been designed especially bearing in mind the requirements in the agricultural sector. It allows users to operate and monitor pumps, machinery, installations and so on using a wireless signalling system. It has a 7" Touch-Screen, which is installed on the tractor/hauler; it receives messages about the speed, flow rate, status etc. over a wireless connection from the pump located at a distance. Using the PROFIPilot especially contract enterprises can operate and monitor an entire range of pumps, machines, installations from the tractor alone. All necessary parameters such as pressure, flow rate, slide position etc. are received cyclically and displayed on the 7" Touch-Screen in real-time and thus the pump's performance can be adjusted according to the prevailing conditions like terrain, viscosity of slurry etc.

Working with slurry output always needs to be more efficient at minimal human intervention. Using our **PROFIPilot** wireless control system, users will be able to monitor and operate a pump optimally just from the hauling pipe tractor. Measurements like the pump pressure, flow rate, container level etc. are transmitted from the pump to the hauling pipe distributor. The user can view on the monitor the required driving speed for the relevant output (m^3/ha) and adjust its speed accordingly by himself. In addition, the pump's RPM can be controlled depending on the conditions or, the pump's performance can be regulated automatically based on the pressure or the flow rate.

Our wireless control system is permitted in the European market and, thanks to its RF Link Budget of 162dB, it has no competitors in the signal range (without eye-view up to 5km). The extremely sensitive wireless reception of up to -135dBm is a novelty in the wireless technology and it enables us to maintain the permitted radiation (500mW) to cover wide ranges.

More information on the **PROFIPilot**



elink.ch/emppe



PROFIPILLOT, MINIPILLOT, AGROPILLOT, FORSTPILLOT, SMARTPILLOT are products offered by Firma Meier Elektronik AG

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