METHODS FOR ACCEPTING OF ORDERS FOR DOSING-PACKING CONTROLLERS

I. TYPES OF PackXCon ACCORDING TO THE DOSING

- **VOLUME – with built-in timer for time for pouring**
- **SCREW – with built-in counter of impulses, supervising the revolutions of th screw**
- **WEIGHT – with input from weight meter "Dose Ready" and output to weight meter "Pour Dose"**

* Every PackCon **with volume dosing can control screw or weight machine** respectively with outer counter of impulses (from the screw) or with weight dosing controller of MICROSYST. So there must signals "Ready dose" and "Pour dose", respectively as input and output signal for PackCon.

SCREW

DC motor AC motor

other .....

Controlling of the screw revolutions

Way of counting of the impulses?

inductive - PNP NPN

photo sensor - PNP NPN

N-coder - Availability of synchronic impulse

number of impulses/revolution .....

Parameters of the measuring disc .....

Maximum number of impulses for a dose .....

Operation of the stirrer

together with the screw uninterruptedly does not work

all modes – selection by switch

WEIGHT

Range of dosing ..... Accuracy ..... Number of sensor .....

Control of the transport band

DC motor AC motor Vibrorail

VOLUME

II. PULLING OF THE FOLIO

WITH ELECTRIC MOTOR

DC motor AC motor .....

Type of the performing mechanism:

Roll Cinematic knee-connecting rod

Way of pulling of the folio?

to photo sensor by time by measuring of the length of the package

WITH PNEUMATIC CYLINDERS

Type of the coil, controlling the distributor

24V DC 220V AC other.....

IS up position of case - PNP NPN

IS down position of case - PNP NPN

Control of the velocity of pulling

III. POURING OF THE DOSE:

By time of sticking of the horizontal jaws * for powdered products

By time of pulling of the folio * operates faster

All modes * can be selected by switch

/ for screw dosing it usually coincides with operation of the screw /

IV. CONTROL OF THE HORIZONTAL JAWS

WITH ELECTRIC MOTOR

DC motor AC motor .....

Operating mode of the electric motor

start/stop mode open/closed jaws with time for sticking

uninterruptedly in the interval open/closed jaws

WITH PNEUMATIC CYLINDERS

Type of the coil, controlling the distributor

24V DC 220V AC other.....

IS up position of case - PNP NPN

IS down position of case - PNP NPN

CONTROLLING OF THE KNIFE

built-in the horizontal jaw and it is not being controlled

it is being controlled separately / how /.....

V. CONTROLLING OF THE VERTICAL JAWS

simultaneously with the horizontal jaws

independently / how /.....

VI. AVAILABILITY OF OUTPUT "LOG" (Control):

With horizontal jaws How long .....

With vertical jaws How long .....

Other .....

VII. CONTROL OF THE TEMPERATURE OF THE JAWS

WITH THERMAL CONTROLLERS

with built-in two-channel thermal controller with SS R

with two-channel thermal controller with built-in electromechanical relays

with two-channel thermal controller with built-in SSR

with two-channel thermal controller with open collector and outer SSR

sensors Pt100 thermocouples J

WITH PHASE CONTROLLERS AND BY TIME WITH TIMERS / for folio of nylon /

phase controller with buttons

phase controller with potentiometers

the timer is built-in in the controller

the timer is outer two-channel

VIII. CONTROLLING OF LOADING ELEVATOR

built-in in the controller

outer

Capacitive sensor - PNP NPN