



A3PL-EL Dry Powder Monitors

A3PL-EL, LL, Monitors (Light Alloy EN AB 42000-Al Si 7 MgTA)

- **A3PL-El, LL, Electric remote controlled with stainless steel powder pipe**
- **A3PL-El, LL, Electric remote controlled with stainless steel powder pipe, Ex-proof execution Eexd IIC T4**
- **A3PL-El, LL, Electric remote controlled with stainless steel powder pipe, with potentiometer for remote position control-**
- **A3PL-El, LL, Electric remote controlled with stainless steel powder pipe, Ex-proof execution Eexd IIC T4 with Ex-proof potentiometer for remote position control**

A3PL-EL, Bz, Monitors Bz (Bronze B ZN 7)

- **A3PL-El, Bz, Electric remote controlled with stainless steel powder pipe**
- **A3PL-El, Bz, Electric remote controlled with stainless steel powder pipe, Ex-proof execution Eexd IIC T4**
- **A3PL-El, Bz, Electric remote controlled with stainless steel powder pipe, with potentiometer for remote position control-**
- **A3PL-El, Bz, Electric remote controlled with stainless steel powder pipe, Ex-proof execution Eexd IIC T4 with Ex-proof potentiometer for remote position control**

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A3PL-EL, LL, Monitors (Light Alloy EN AB 42000-Al Si 7 MgTA)

A3PL-El, LL, with stainless steel powder pipe

- Electric remote controlled powder monitor A3PL-El type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
 - horizontal and vertical movements with electric multiturn actuators IP 67, with integrated electric motors 400V/3/50 Hz, 0,37 kW, equipped with adjustable limit switches, torque switches (overload protection) and thermostats,
 - complete with handwheels for local manual operation of the monitor with automatic disconnection device while the monitor is electrically remote operated,
 - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 360° (adjustable), elevation range +75°/-55° (adjustable),
 - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
 - with powder pipe in stainless steel AISI 304, powder flowrate 20 kg./sec. to 40 kg./sec.,
 - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ, n.2 final polyurethane coat red RAL 3000, d.f.t. ≥30μ each, total d.f.t. ≥100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL El 20	5280136820	24	20	8,2	30	70	52180940
A3PL El 40	5280136840	30	40	8,6	35	70	52180940
DN 100 DIN PN 16 flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL El 20	5280131820	24	20	8,2	30	70	52180940
A3PL El 40	5280131840	30	40	8,6	35	70	52180940

* Minimum warranted range of jet at nominal pressure.



A3PL-EI, LL, with stainless steel powder pipe, Ex-proof execution Eexd IIC T4

Electric remote controlled powder monitor A3PL-EI type,
in Ex-proof execution,

- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
- horizontal and vertical movements with electric multiturn actuators IP 67,
with integrated electric motors 400V/3/50 Hz, 0,37 kW, Eexd IIC T4,
equipped with adjustable limit switches, torque switches (overload protection) and
thermoswitches,
complete with handwheels for local manual operation of the monitor with automatic
disconnection device while the monitor is electrically remote operated,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon
rings with greasing nipples,
rotation range 360° (adjustable),
elevation range +75°/-55° (adjustable),
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with powder pipe in stainless steel AISI 304,
powder flowrate 20 kg./sec. to 40 kg./sec.,
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ,
n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each,
total d.f.t. ≥100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL EI 20	5280736820	24	20	8,2	30	70	52180940
A3PL EI 40	5280736840	30	40	8,6	35	70	52180940
DN 100 DIN PN 16 flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL EI 20	5280731820	24	20	8,2	30	70	52180940
A3PL EI 40	5280731840	30	40	8,6	35	70	52180940

*Minimum warranted range of jet at nominal pressure.



A3PL-EI, LL, with stainless steel powder pipe, with potentiometer for remote position control

- Electric remote controlled powder monitor A3PL-EI type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
 - horizontal and vertical movements with electric multiturn actuators IP 67, with integrated electric motors 400V/3/50 Hz, 0,37 kW, equipped with adjustable limit switches, torque switches (overload protection) and thermostats,
 - with integrated potentiometer (1k0 OHM LIN standard value) for remote position control,
 - complete with handwheels for local manual operation of the monitor with automatic disconnection device while the monitor is electrically remote operated,
 - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 360° (adjustable), elevation range +75°/-55° (adjustable),
 - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
 - with powder pipe in stainless steel AISI 304, powder flowrate 20 kg./sec. to 40 kg./sec.,
 - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each, total d.f.t. ≥100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL EI 20	5280716820	24	20	8,2	30	70	52180940
A3PL EI 40	5280716840	30	40	8,6	35	70	52180940
DN 100 DIN PN 16 flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL EI 20	5280711820	24	20	8,2	30	70	52180940
A3PL EI 40	5280711840	30	40	8,6	35	70	52180940

* Minimum warranted range of jet at nominal pressure.



A3PL-El, LL, with stainless steel powder pipe, Ex-proof execution Eexd IIC T4 with Ex-proof potentiometer for remote position control

Electric remote controlled powder monitor A3PL-El type,
in Ex-proof execution,

- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
- horizontal and vertical movements with electric multiturn actuators IP 67,
with integrated electric motors 400V/3/50 Hz, 0,37 kW, Eexd IIC T4,
equipped with adjustable limit switches, torque switches (overload protection) and
thermoswitches,
with integrated Ex-proof potentiometer (1k0 OHM LIN standard value) for remote
position control,
complete with handwheels for local manual operation of the monitor with automatic
disconnection device while the monitor is electrically remote operated,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon
rings with greasing nipples,
rotation range 360° (adjustable),
elevation range +75°/-55° (adjustable),
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with powder pipe in stainless steel AISI 304,
powder flowrate 20 kg./sec. to 40 kg./sec.,
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ,
n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each,
total d.f.t. ≥100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL El 20	5280756820	24	20	8,2	30	70	52180940
A3PL El 40	5280756840	30	40	8,6	35	70	52180940
DN 100 DIN PN 16 flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL El 20	5280751820	24	20	8,2	30	70	52180940
A3PL El 40	5280751840	30	40	8,6	35	70	52180940

* Minimum warranted range of jet at nominal pressure.

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A3PL-EL, Bz, Monitors (Bronze B ZN 7)

A3PL-El, Bz, with stainless steel powder pipe

- Electric remote controlled powder monitor A3PL-El type,
- body Bronze B ZN 7 for seawater service,
 - horizontal and vertical movements with electric multiturn actuators IP 67, with integrated electric motors 400V/3/50 Hz, 0,37 kW, equipped with adjustable limit switches, torque switches (overload protection) and thermostats,
 - complete with handwheels for local manual operation of the monitor with automatic disconnection device while the monitor is electrically remote operated,
 - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 360° (adjustable), elevation range +75°/-55° (adjustable),
 - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
 - with powder pipe in stainless steel AISI 304, powder flowrate 20 kg./sec. to 40 kg./sec.,
 - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each, total d.f.t. ≥100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL El 20	5280236820	24	20	8,2	30	70	52180940
A3PL El 40	5280236840	30	40	8,6	35	70	52180940
DN 100 DIN PN 16 flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL El 20	5280231820	24	20	8,2	30	70	52180940
A3PL El 40	5280231840	30	40	8,6	35	70	52180940

* Minimum warranted range of jet at nominal pressure.



A3PL-EI, Bz, with stainless steel powder pipe, Ex-proof execution Eexd IIC T4

Electric remote controlled powder monitor A3PL-EI type,
in Ex-proof execution,

- body Bronze B ZN 7 for seawater service,
- horizontal and vertical movements with electric multiturn actuators IP 67,
with integrated electric motors 400V/3/50 Hz, 0,37 kW, Eexd IIC T4,
equipped with adjustable limit switches, torque switches (overload protection) and
thermoswitches,
complete with handwheels for local manual operation of the monitor with automatic
disconnection device while the monitor is electrically remote operated,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon
rings with greasing nipples,
rotation range 360° (adjustable),
elevation range +75°/-55° (adjustable),
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with powder pipe in stainless steel AISI 304,
powder flowrate 20 kg./sec. to 40 kg./sec.,
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ,
n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each,
total d.f.t. ≥100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL EI 20	5280736820	24	20	8,2	30	70	52180940
A3PL EI 40	5280736840	30	40	8,6	35	70	52180940
DN 100 DIN PN 16 flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL EI 20	5280731820	24	20	8,2	30	70	52180940
A3PL EI 40	5280731840	30	40	8,6	35	70	52180940

*Minimum warranted range of jet at nominal pressure.



A3PL-El, Bz, with stainless steel powder pipe, with potentiometer for remote position control

- Electric remote controlled powder monitor A3PL-El type,
- body Bronze B ZN 7 for seawater service,
 - horizontal and vertical movements with electric multiturn actuators IP 67, with integrated electric motors 400V/3/50 Hz, 0,37 kW, equipped with adjustable limit switches, torque switches (overload protection) and thermostats,
 - with integrated potentiometer (1k0 OHM LIN standard value) for remote position control,
 - complete with handwheels for local manual operation of the monitor with automatic disconnection device while the monitor is electrically remote operated,
 - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 360° (adjustable), elevation range +75°/-55° (adjustable),
 - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
 - with powder pipe in stainless steel AISI 304, powder flowrate 20 kg./sec. to 40 kg./sec.,
 - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each, total d.f.t. ≥100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL El 20	5280716820	24	20	8,2	30	70	52180940
A3PL El 40	5280716840	30	40	8,6	35	70	52180940
DN 100 DIN PN 16 flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL El 20	5280711820	24	20	8,2	30	70	52180940
A3PL El 40	5280711840	30	40	8,6	35	70	52180940

* Minimum warranted range of jet at nominal pressure.



A3PL-EI, Bz, with stainless steel powder pipe, Ex-proof execution Eexd IIC T4 with Ex-proof potentiometer for remote position control

Electric remote controlled powder monitor A3PL-EI type,
in Ex-proof execution,

- body Bronze B ZN 7 for seawater service,
- horizontal and vertical movements with electric multiturn actuators IP 67,
with integrated electric motors 400V/3/50 Hz, 0,37 kW, Eexd IIC T4,
equipped with adjustable limit switches, torque switches (overload protection) and
thermoswitches,
with integrated Ex-proof potentiometer (1k0 OHM LIN standard value) for remote
position control,
complete with handwheels for local manual operation of the monitor with automatic
disconnection device while the monitor is electrically remote operated,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon
rings with greasing nipples,
rotation range 360° (adjustable),
elevation range +75°/-55° (adjustable),
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with powder pipe in stainless steel AISI 304,
powder flowrate 20 kg./sec. to 40 kg./sec.,
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ,
n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each,
total d.f.t. ≥100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL EI 20	5280756820	24	20	8,2	30	70	52180940
A3PL EI 40	5280756840	30	40	8,6	35	70	52180940
DN 100 DIN PN 16 flange							
Type	Code nr.	Pipe Ø (mm.)	Flowrate at 8 bar (kg./sec.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3PL EI 20	5280751820	24	20	8,2	30	70	52180940
A3PL EI 40	5280751840	30	40	8,6	35	70	52180940

* Minimum warranted range of jet at nominal pressure.

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