EZLogic® COMPONENTS

Hytrol has once again created the most advanced zero-pressure accumulation system in the world. While featuring the same EZLogic® familiarity, GEN3 incorporates new technologies for ease of installation, operation, and maintenance.

The components listed are used on the following conveyors: 138-NSPEZ, 190-NSPEZ, 190-NSPEZC, ABEZ, 190-PREZ, 190-PREZC, 25-LREZ, 199-CREZD, 25-CREZD, 36-CREZD, CCEZ, DCEZ-60, DCEZ-63, DCEZ-82, DCEZ-83, and PLEZD.

U.S. Patent Numbers 5,862,907 • 7,243,781 • 7,591,366 • Other Patents Pending.

ZONE CONTROLLERS

Retro-Reflective Type Zone Controller
Zone controller including mounting base and unitized retro-reflective transducer.
032.501

Diffuse Type Zone Controller
Zone controller including mounting base and unitized diffuse transducer with adjustable sensitivity (through programming).
032.502
032.502

Enhanced Retro-Reflective Zone Controller
Same as standard, plus used for IOP communication, and addressable remote access.
032.50
032.505

Enhanced Diffuse Zone Controller
Same as standard, plus used for IOP communication, and addressable remote access.
032.506
032.506

Remote Zone Controller
Zone controller including mounting base. Connectorized for attaching any remote transducer.
032.504

Enhanced Remote Zone Controller
Enhanced zone controller including mounting base. Connectorized for attaching any remote transducer. Same as standard, plus used for IOP communication, and addressable remote access.
032.507

TRANSDUCERS (SENSORS)

Remote Diffuse Transducer (Narrow Beam)
Has narrow beam for use with close roller centers. Attaches to any remote zone controller and allows transducer to be mounted separate from controller.
032.513

CORDSETS

Zone Controller Cordset (Zone to Zone Communication)
Available for the following zone lengths:

12″	032.551
18″	032.552
24″	032.553
30″	032.554
36″	032.555
48″	032.556
60″	032.557
72″	032.558

Zone Controller Screw-On Cordset (NEMA 4X Zone to Zone Communication for Wash Down Application)
Available for the following zone lengths:

12″	032.5515
18″	032.5525
24″	032.5535
30″	032.5545
36″	032.5555
48″	032.5565
60″	032.5575
72″	032.5585

EZLOGIC® COMPONENTS

CORDSETS (continued)

Infeed Zone Terminator
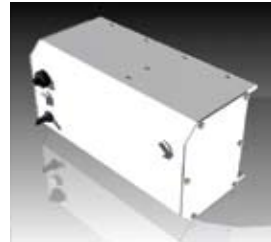Terminates zone to zone communication at infeed zone.
032.550

Mounting Base
Use to mount any Zone Controller.
032.517

IOP

IOP
Provides 27VDC, 100 watt power for EZLogic™ accumulation system. Requires 120 VAC or 230 VAC single phase input.
Operates up to 50 zones (25 zones each side of IOP).— contains slots for 4 input/output boards.   Requires enhanced
zone controllers to communicate with input/output boards.
032.582

IOP "T" Cable
Required to deliver power and IOP communication from IOP to zone controllers. Max. of 25 zones per each branch of T.
Standard Push-On 032.559

I/O Board
Plugs into slot in IOP to provide two input/output connections. Requires enhanced controller to receive signal.
032.583

CONFIGURATION/DIAGNOSTIC COMPONENTS

Push Button Programmer
Plugs into auxiliary port of any controller to configure certain features of controller. Required for customization of
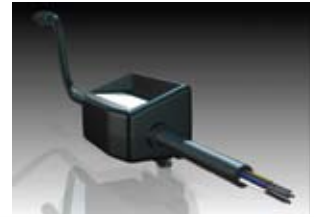factory default settings.
032.535

Programming Kit for PC and PC Adaptor
Used to connect PC USB port to auxiliary port of any controller. Includes GenesisTM configuration software. Used to
configure all features of controller. Required for customization of factory default settings.
K-01554

EZLOGIC® COMPONENTS

AUXILIARY COMPONENTS

Auxiliary I/O Module
Plugs into auxiliary port of any controller - used to provide photo eye output or to accept a voltage type input.
032.532

Auxiliary Input Cable
Attaches to any zone controller. Used for zone stop input, wakeup eye input, or slug input. Available in 3 and 10 ft. lengths.
3 ft. 032.563
10 ft.. 032.564

Zone Actuation Module "ZAM" (Alternate Drive)
Provides NPN, PNP, or dry contact output from zone controller.
032.531

Retro-Reflective Wake-up Eye
Plugs into auxiliary port of any controller to send wake-up signal.
032.591

Diffuse Wake-up Eye
Plugs into auxiliary port of any controller to send wake-up signal.
032.592

Retro-Reflectors
2.18" Dia. 032.218
3" Dia. 032.2185

Connector Covers
Upstream Connector Cover 032.010
Downstream Connector Cover 032.011

CABLE COMPONENTS

Power Isolation Cable
Required to isolate DC power when joining conveyors w/ separate IOPs utilizing no more than one set of I/O boards.
Standard Push-On 032.562

IOP Isolation Cable
Required to isolate DC power and input/output signals when joining two conveyors with separate IOPs, both utilizing I/O boards.
Standard Push-On 032.570

Extension Cable (Zone to Zone Communication)
Available in 3 and 10 ft. lengths. Used to extend zone controller cable when necessary.
Standard Push-On 3 ft. 032.560
Standard Push-On 10 ft. 032.561

Push-On
Type Cable

EZLOGIC® COMPONENTS

HYTROL CONVEYOR COMPANY, INC.

CABLE COMPONENTS (continued)

Nano Extension Cable
Used to extend auxiliary devices or remote transducer cable.   Available in the following lengths:
1 ft 032.565
2 ft. 032.566
3 ft. 032.567
6 ft. 032.568

Power Splitter
Used to connect two conveyors located side by side to one IOP. Requires 2 power supply T cables. Maximum total of 50 zones.
032.569

SPECIAL USE COMPONENTS

Diffuse Type Zone Controller
Zone controller including mounting base and unitized diffuse transducer with adjustable sensitivity (through programming).   24 in. cable.
032.503

Remote Retro-Reflective Transducer
Attaches to any remote zone controller and allows transducer to be mounted separate from controller.
032.511

Remote Diffuse Transducer
Attaches to any remote zone controller and allows transducer to be mounted separate from controller.
032.512

Remote Retro-Reflective Transducer (Dual with T Cable)
For use in dual head applications. Attaches to any remote zone controller and allows addition of second remote transducer.
032.514

Remote Diffuse Transducer (Dual with T Cable)
For use in dual head applications.   Attaches to any remote zone controller and allows addition of second remote transducer.
032.515

Remote Diffuse Transducer (Narrow Beam, Dual with T Cable)
For use in dual head applications.   Has narrow beam for use with close roller centers. Attaches to any remote zone controller and allows addition of second remote transducer.
032.516