

Magnetic Base Die Sensors

MagBase Sensors are universal die protection tools, which are moveable from die to die or press to press. They are designed to plug into Wintriss DiPro® Systems. MagBase Sensors are ideal for punch press dies without built in die protection sensors. They are a common choice for job shop stampers who frequently run customer dies and want to prevent damage.

DPMAGBKL

MagBase buckling sensors use an over / under probe design to detect if incoming feed material has buckled between the feed and die. The adjustable base allows mis-fed stock to move the sensor away rather than breaking it.

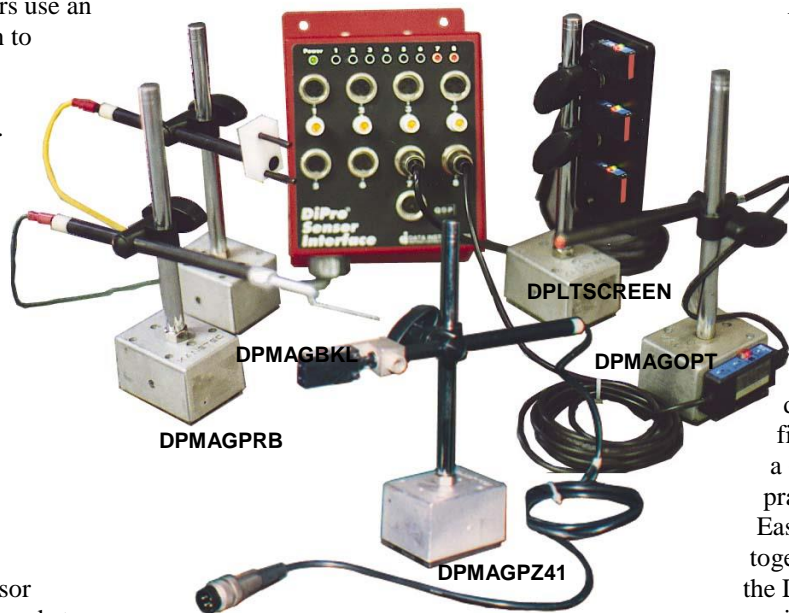
DPMAGPRB

The one sensor that is used on almost every die is the **FEED LENGTH PROBE**. A spring tip probe, 200 lb. holding magnet and adjustable base used with a DiPro system to detect proper material in-feed. The sensor mounts and adjusts in seconds to provide vital monitoring of feed length. Any press with a DiPro system on it needs this basic tool.

DPMAGPZ41

A MagBase Sensor that uses one PZ41 light beam to detect when a part is ejected from a stamping die. It is easily adjustable for sensitivity to reject background objects. Used to detect larger parts, the sensor produces a single beam, 8 to 12 inches long and 1/2 to 1 inch wide.

Data Instruments
DiPro DSI®



DPLTSCREEN

Press operations that require detecting air ejected parts can use the DPLTSCREEN. Three PZ41 light beam sensors are mounted to a 1/4 inch thick protective plate. The assembly is mounted to a 200 pound pull magnetic base. Parts the size of a quarter and larger are easily detected by this sensor array. Typical of PZ41 sensors, any part entering their adjustable field will be detected. Although the detecting field may be adjusted much larger, a 6 to 8 inch range would be most practical.

Easy to use, light beams are wired together so that only one plug into the DiPro Sensor Interface is required. The magnet allows instant mounting to the press. Simple

adjustment gets the sensor in close to the point of ejection where the part flies on a repeatable path.

DPMAGOPT

This sensor uses a miniature fiber optic light beam with a sensing range similar to the flame on a butane lighter. It is intended for use very close to the point of ejection. Small parts do not travel on a repeatable path for more than a few inches. This 7/16 inch diameter light probe can fit into tight die spaces to detect these parts.

Replacement Parts

DPMAGPOST

Vertical Post Only

DPYELWIRE

Wire & Plug Only

DPGRNWIRE

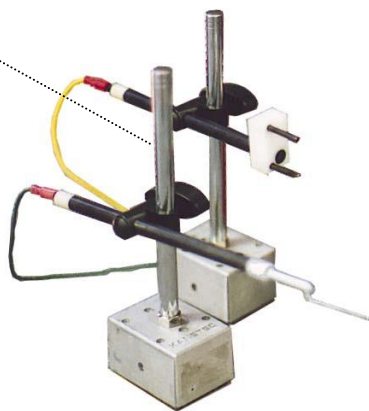
Wire & Plug Only

DPPROBE

Probe, Spring Tip & Green Wire

DPMAGARM

Probe Arm w/plug tips only



DPMAGCLAMP

Two Way Clamp & Knob

DPBKLPROBE

Buckle Sensor Probe & Yellow Wire

DPSPRING

Spring Tip Only

DPMAGBASE

Magnet, Post & Clamp

DPMAGNET

Magnet Only

Light Probes:

DPOPTPROBE

Probe Arm & Fiber Optic Cable Only

DPPZPROBE

Probe Arm & Light Beam Sensor Only

***Tap post sideways to roll magnet off the bolster.

COMPLETE SENSORS including:

200-lb. pull magnet, adjustable stand, probe arm with sensor and wire.

DPMAGBKL	MagBase Stock Buckling Sensor	175.00
DPMAGPRB	MagBase Feed Length Sensor	155.00

Electronic sensors below have a plug for Wintriss DiPro Sensor Interface

DSMAGREDEYE	MagBase RedEye ® Beam Feed Length Sensor w/DSI Plug	405.00
DPMAGPZ41	MagBase (1) Beam Light Sensor w/DSI Plug	505.00
DPMAGOPT	MagBase Mini Light Beam Sensor w/DSI Plug	580.00
DSBANLTSCRN3	Magnetic Base Light Screen, 3" Sensor w/DSI Plug	1,185.00
DSBANLTSCRN6	Magnetic Base Light Screen, 6" Sensor w/DSI Plug	1,310.00
DSBANLTSCRN12	Magnetic Base Light Screen, 12" Sensor w/DSI Plug	1,695.00
DPLTSCREEN	MagBase (3) Beam Light Screen Sensor w/DSI Plug	1,400.00

Replacement Parts:

RedEye®SP	Sensor Only with plug installed	235.00
RedEye®SO	Sensor Only without plug	180.00
DPOPTPROBE	Probe Arm & Fiber Optic Cable Only (amplifier not included)	160.00
DPPZPROBE	Probe Arm & Light Beam Sensor Only	415.00
MAGPZ41SP	Sensor Only with plug installed	355.00
MAGPZ41SO	Sensor Only without plug	300.00
DPBKLPROBE	Buckle Sensor Probe & Yellow Wire	50.00
DPYELWIRE	Wire & Plug Only	6.00
DPPROBE	Probe Arm, Spring Tip & Green Wire	40.00
DPMAGARM	Probe Arm with Probe Tips only	30.00
DSSPRING	Spring Tip Only	6.00
DPGRNWIRE	Green Wire with Connector Only	6.00
DPMAGBASE	Magnet, Post & Clamp	140.00
DPMAGCLAMP	Two Way Clamp & Knob	42.00
DPMAGNET	Magnet Only	82.00
DPMAGPOST	Vertical Post Only	21.00

Sensor Plugs and Sockets:

DSPLUG	Plug only for sensors	18.00
DSPLUGFEM	In-line mating socket for extension cords	20.00
DSJACK	Plug with Banana Jack Adapter (DA52301)	80.00
DSSOCKET	Panel mount socket for sensor plug in	10.00
DSQDPSOC	12 Pin QDP Socket (panel mount)	30.00
DSQDPLUG	12 Pin QDP Plug	40.00

