

Function description

The actuator option will be used to release optical guarding equipment (light curtains, light barriers, laser scanners and so on). In the actuator mode the actuator plate will be moved 10 mm into the active area of the safety equipment if the machine passes the start position. This will cause the machine to stop. Timing starts from when the actuator takes place until the machine stops. The measured value will be displayed and optionally printed.

Assembly

Fasten the actuator NMG2-AKTOR to the magnetic holder system and connect it by means of WS-KABEL-3M-NMG to the socket AKTOR of the NMG2. Attach the magnetic clamp to a ferromagnetic machine part in such way that the actuator plate can move into the protection area. Push the button "Aktor" P2 [7] of the NMG2.



Measurement run

The execution of the measurement takes place as in relay operation (see NMG manual, page 14, stop-time measurement). When passing the starting point the actuator will be released and the machine is forced to standstill. The result of the measurement is displayed and printed out if necessary.

NMG2 – Accessories

NMG2 – Frictional wheel MESSRAD-ENCODER, WS10-1250-10-PP530



Description MESSRAD

The frictional wheel NMG2-MESSRAD-ENCODER has been designed for measurements on rotating tables, conveyor belts or other “endlessly” moving machines.

A measuring wheel with the NMG2-Encoder-2000P/U attached serves as a sensor for picking up measurement values.

The sensor is mounted on a magnetically based clamp and positioned such that the sensor wheel makes good contact with the rotating machinery.



Description WS10-1250...-NMG

A cable actuated sensor WS10-1250-10-PP530-NMG is best suited for measurements on small presses, guillotine shears and paper cutting machines and can be easily installed with a magnetic clamp.

