

# MK4P/IK4P SERIES

DISPLACEMENT MEASUREMENT  
WITH PROFIBUS INTERFACE

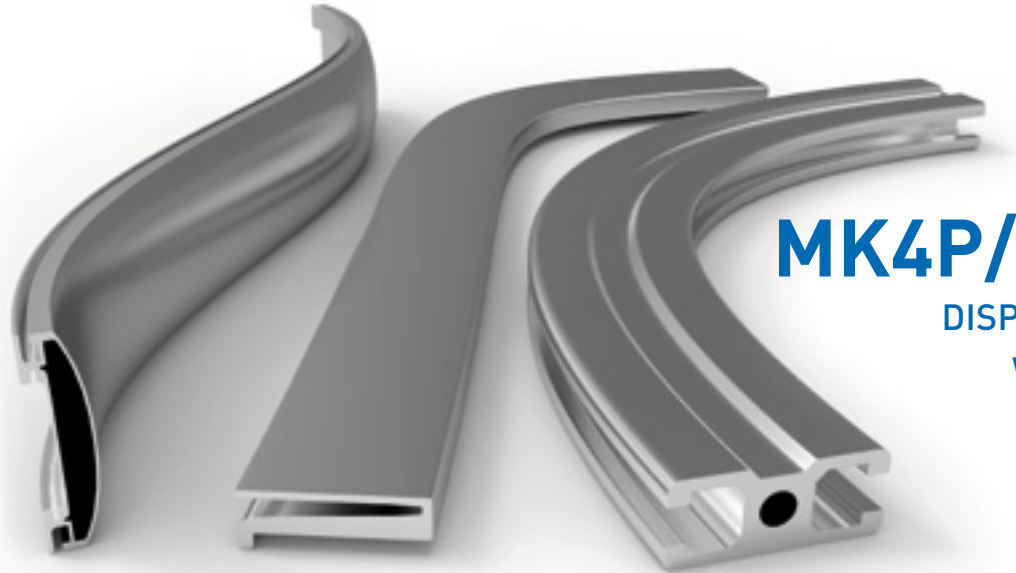


## RAPID AND SECURE DATA TRANSMISSION

IMPROVED MACHINE PERFORMANCE  
MACHINE DOWNTIME REDUCTION  
REDUCED WIRING



# GEFRAN



# MK4P/IK4P SERIES

DISPLACEMENT MEASUREMENT  
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## THE MK4P/IK4P SERIES OFFER YOU

- ▶ Perfect integration in complex systems with long communication distances.
- ▶ Application flexibility with two different designs: profile and rod (profile for external installation; rod for installation on hydraulic cylinders).
- ▶ IP67 protection rating.
- ▶ Robustness and vibration resistance for high reliability.
- ▶ Up to four cursors for Position and Speed measurement of M12 connector (Profibus) and M8 connector (power supply).
- ▶ Magnetostrictive technology for absolute reliability, long life, and precise displacement measurement.

## ACCESSORIES

- ▶ PNP-1 Profibus node programmer.
- ▶ The PNP-1 sets the logic address of the MK4P and IK4P series by connecting them directly to the programmer.
- ▶ Therefore, a Class 2 Master is no longer required for this operation.



## MAIN CHARACTERISTIC

- ▶ Strokes: 50...4000mm
- ▶ Working temperatures -40 ...+85°C
- ▶ Design MK4P (profile) and IK4P (rod)
- ▶ IP67 protection rating
- ▶ Profibus DPV0 interface output signal conforms to IEC 61158
- ▶ Non-linearity error 0,01%FS



For more information on the MK4P and IK4P series and their applications, call us or visit [www.gefran.com](http://www.gefran.com)!