



MONAT

KSP-7M

LEVEL CROSSING PROTECTION SYSTEM



Approved by
the Office of Rail Transport (UTK)
Certificate no. PL 59 2016 0001



KSP-7M Level Crossing Protection System

- configuration for level crossings of any category
- configuration for any number of traffic safety devices on a level crossing or on a pedestrian crossing
- location on the railway route or within the station
- cooperation with any station or line devices system
- integrated with remote control devices
- multiple remote control points
- integrated event registration function
- extended diagnostics of supported system components.



APPLICATIONS:

- railways with any number of tracks or a railway siding
- electrified and non-electrified railways
- both public and private railways
- railways for suburban and/or long-distance trains as well as passenger and/or freight trains
- automatic and semi-automatic level crossings.

MAIN FEATURES:

- provides two-channel secure data processing
- works with remote control devices operated by a railway crossing keeper/train dispatcher
- the only level crossing system suitable for remote control from many posts
- supports all types of level crossing safety devices based on modules of our own construction
- possibility of implementing additional functions to standard solutions such as train approaching signal for semi-automatic systems.





REMOTE CONTROL FUNCTION:

- multi-point control of many level crossings
- computer control panels for train dispatchers (MAN) support devices on A category level crossings
- computer control panels for train dispatchers (UZK) support devices on B or C category level crossings
- control redundancy [computer control panel for train dispatchers (UZK/MAN)] / manual control panel for the staff (UMK / ULK)
- control consoles redundancy: many computer control panels for train dispatchers (UZK or MAN) on different operating control points
- one default console
- physical redundancy of recording and diagnostic computers on a level crossing.



KSP-7M CONTROLS AND MONITORS THE ACTUATORS:

- barrier drives
- road signals
- sound signals
- warning shields (Top)
- track occupation systems
- cooperation with traffic control devices installed at the station.

CONCLUSIONS:

- KSP-7M is based on X3 modules manufactured by Rail-Mil Sp. z o. o. Sp. komandytowa
- Designed to work with Frauscher axle counters or any track clear reporting devices
- Level Crossing Protection System provided by MONAT Sp. z o. o.



AQAP 211:2009
PN-EN ISO 9001:2008

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AQAP 211:2009
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"Tailored to our Clients' needs".



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