microSYST Pick-to-Light Displays - Technical Data

microSYST

metrix electronics

Pick-Display*	MP	M21	R221	R425
Display type	7 segment LED		7 segment LED	7 segment LED
Character height	14 mm		20 mm	20 mm
Digits	2 digits		2 digits	4 digits
Display colour	red		red or green	red or green
Operating voltage	24 VDC	12 VDC	12 VDC	12 VDC
Power consumption	max. 40 mA	max. 100 mA	max. 175 mA	max. 250 mA
Acknowledgement button	metal design mech. durability: 1.000.000 cycles diameter: 12 mm can be exchanged individually	metal design mech. durability: 1.000.000 cycles diameter: 12 mm can be exchanged individually	metal design mech. durability: 1.000.000 cycles diameter: 12 mm can be exchanged individually	metal design mech. durability: 1.000.000 cycles diameter: 12 mm can be exchanged individually
Signal lamp	LED, 1 x red + 1 x multicolour LED diameter: 8 mm	LED, 1 x red + 1 x green LED diameter: 10 mm metal mounting can be exchanged individually	LED, 1 x red or 1 x green LED diameter: 10 mm metal mounting can be exchanged individually	LED, 1 x red or 1 x green LED diameter: 10 mm metal mounting can be exchanged individually
Housing	aluminium, anodised	aluminium, anodised	aluminium, anodised	aluminium, anodised
Dimensions	80 x 30 mm (w x h)	120 x 50 mm (w x h)	160 x 50 mm (w x h)	175 x 50 mm (w x h)
Shaft depth	27 mm	30 mm	30 mm	30 mm
Protection	IP40	IP40	IP40	IP40
Interface	Ethernet TCP/IP, Profibus-DP, Profinet IO	Ethernet TCP/IP, Profibus-DP, Profinet IO	Ethernet TCP/IP, Profibus-DP, Profinet IO	Ethernet TCP/IP, Profibus-DP, Profinet IO
Software	easy integration into existing-systems, flexible for modifications, data handling with overriding order processing, project engineering function, cyclical user testing, visualisation of system status, report functions, error reports			

*Basic models! Further designs available.

X-M92-HXXXXX-005

Paperless Order Picking Pick-to-Light

mipick

The intelligent visualisation system for manual storage and picking

Certified per DIN EN ISO 9001

Extract references
BMW • Bröker • Clas Ohlson • DHL • DM Markt • Dräxlmaier • Grammer • Holtkamp • IKEA • MAN • Procter & Gamble • Tchibo

microSYST
Paperless Order Picking with Pick-to-Light

Process oriented solutions for your picking requirements.

Reliable and fast product disposition is not just a necessity in dispatch logistics, but also in productive areas a well-directed product and material provision effects a considerable increase in quality and speed. By use of a Pick-to-Light system the picker gets informed, by means of a signal lamp and display, about exact picking position and quantity. This reduces the search time after picking products remarkably. Likewise, picking errors as for example commissioning of incorrect articles or elimination diminish sustainably. Retrieval is confirmed via integrated acknowledgement buttons and transferred in "real-time" to the ERP.

Thanks to multiple positive effects a microSYST Pick-to-Light system usually pays off already in its first year of operation.
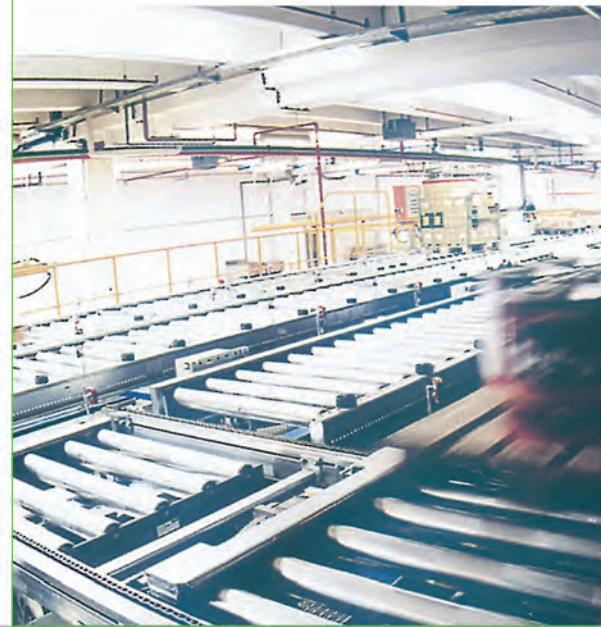
At a single glance. Take advantage of a broad range of options with mipick display technology.

Programmed for success - the highly compatible system for more efficient and flexible business processes.

We offer our customers full service and accompany them from the first consultation until the start-up of the system. On demand, we also take over the maintenance of your system.

microSYST analyses the current status and works out an ideally adapted solution in cooperation with you, in order to guarantee effective, safe and rapid workflows within your company. Use our know-how. Use our mipick Pick-to-Light system.
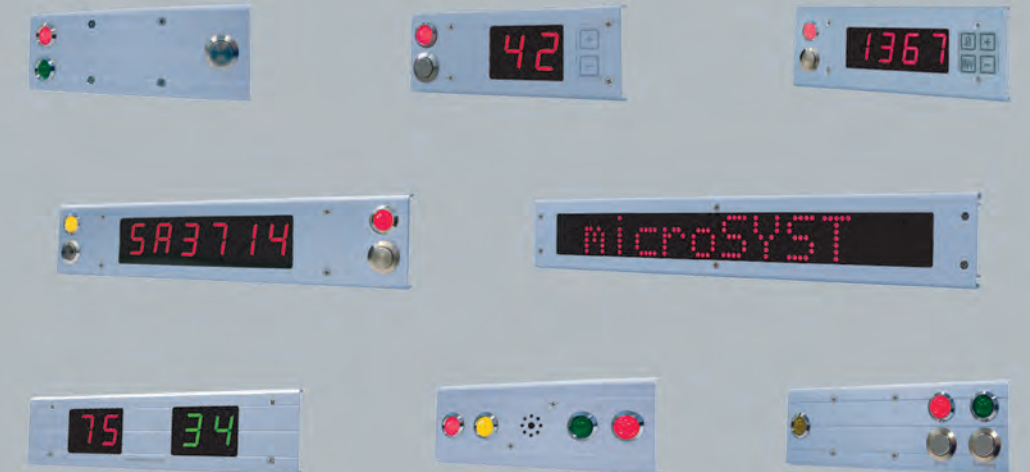
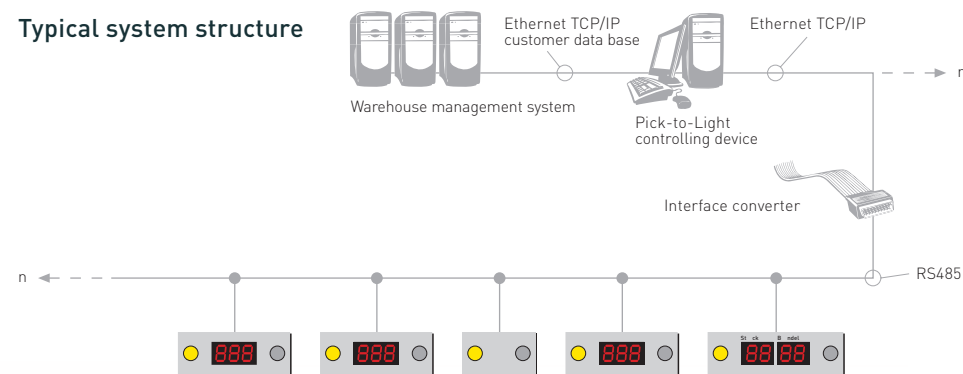## microSYST mipick

Figure: mipick MP

- rugged
- long-lasting
- high availability
- maintenance-free
- reliable
- flexible and extendible
- highly luminous
- low energy costs

For an optimum of efficiency - process oriented solutions

Typical system structure

Ethernet TCP/IP customer data base
Ethernet TCP/IP
n
Warehouse management system
Pick-to-Light controlling device
Interface converter
RS485
n

Our services

Consulting
Analysis
Planning
Hard- and Software
Installation
Initial operation
Maintenance and service

Sectors

Automotive industry
Appeareal industry
Furniture industry
Pharmaceutical industry
Transport and logistics
Mail order business
and many more