

Technical Data

Numeric Pick-to-Light displays

mipick

Pick-Display	R/G11	R/G221, R/G223	R/G321	R/G323	R/G425	R12300
Display type		7 segment LED	7 segment LED	7 segment LED	7 segment LED	LED dot matrix
Character height		20 mm	20 mm	20 mm	20 mm	30 mm
Digits		2 digits	3 digits	3 digits	4 digits	12 digits
Display colour	red or green	red or green	red or green	red or green	red or green	red
Power supply	10 to 12 VDC	10 to 12 VDC	10 to 12 VDC	10 to 12 VDC	10 to 12 VDC	24 VDC +/-20 %
Power consumption	max. 100 mA	max. 200 mA	max. 200 mA	max. 250 mA	max. 250 mA	approx. 360 mA at 24 VDC operating voltage
Data input	RS 485 with 115 kBaud	RS 485 with 115 kBaud	RS 485 with 115 kBaud	RS 485 with 115 kBaud	RS 485 with 115 kBaud	RS 485 with 115 kBaud
Keys		R/G223: With 2 keys		with 2 keys	with 4 keys	
Safety push 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	metal design mech. durability: 1.000.000 cycles diameter 12 mm can be exchanged individually	
Signal lamp	LED, red or green LED diameter: 10 mm metal mounting can be exchanged individually	LED, red or green LED diameter: 10 mm metal mounting can be exchanged individually	LED, red or green LED diameter: 10 mm metal mounting can be exchanged individually	LED, red or green LED diameter: 10 mm metal mounting can be exchanged individually	LED, red or green LED diameter: 10 mm metal mounting can be exchanged individually	
Housing	aluminium, anodized	aluminium, anodized	aluminium, anodized	aluminium, anodized	aluminium, anodized	aluminium, anodized
Dimensions	100 x 50 mm (w x h) or 100 x 60 mm (w x h)	150 x 50 mm (w x h) or 150 x 60 mm (w x h)	160 x 50 mm (w x h) or 160 x 60 mm (w x h)	200 x 50 mm (w x h) or 200 x 60 mm (w x h)	175 x 50 mm (w x h) or 175 x 60 mm (w x h)	400 x 50 mm (w x h) or 400 x 60 mm (w x h)
Shaft depth	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm
Housing colour	natural or RAL colours, anodized	natural or RAL colours, anodized	natural or RAL colours, anodized	natural or RAL colours, anodized	natural or RAL colours, anodized	natural or RAL colours, anodized
Protection	IP54	IP54	IP54	IP54	IP54	IP54
Operating temperature	0 to +50 °C	0 to +50 °C	0 to +50 °C	0 to +50 °C	0 to +50 °C	0 to +50 °C
Extended temperature range	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C
Software	can be easily integrated into existing systems, can be modified in a flexible fashion, data handling with overriding order processing, project engineering function, cyclical user testing, visualisation of system status, report functions, error reports					
System	fast due to Ethernet TCP/IP as well as Profibus-DP data transmission, flexible due to PC-orientated control, can be expanded up to 3,968 displays as standard solution, simple installation, maintenance-free					

PAPERLESS ORDER PICKING
Pick-to-Light

mipick



- Bayer
- Bosch Rexroth
- Danfoss
- Eisenmann
- Franck
- Hermes
- KHS
- Krones
- Lippert
- MAN
- P&G
- Quelle
- Reax
- Schenck
- SEW Eurodrive
- Shell
- Siemens
- Sony
- Tchibo
- Univeyor
- VAW
- VW
- Wincor Nixdorf



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X-M92-HXXXXX-003



The intelligent
visualisation system
for manual
storing and
order picking.

Certified per
DIN EN ISO 9001:2000



A company of
funkwerk



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Paperless Order Picking with Pick-to-Light.

Individual visualisation concepts for industrial use unite people with information.

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 you from the first consultation until the start-up of the system. On demand, we also take over the maintenance of your system.

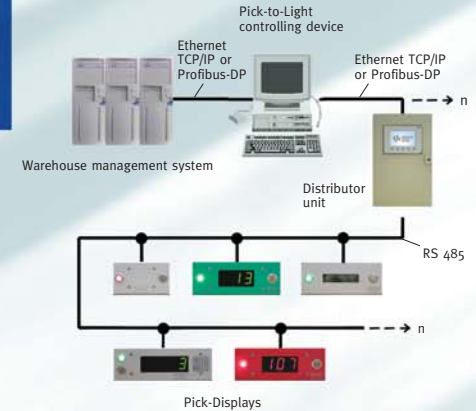
We analyse the current situation and develop an ideally adapted solution in cooperation with you, in order to guarantee effective, safe and rapid workflows within your company. Use our know-how. Use our mipick Pick-to-Light system.

- Robust**
- Reliable**
- Flexible**
- Individual**
- Intelligent**
- Expandable**
- Maintenance-free**
- Safe**



The display format and realisation of mipick is variable. Above drawings show some examples for application.

Typical system structure



mipick

- Consultation
- Analysis
- Planning
- Hard- and Software

- System Supplier
- Installation
- Start-up
- Service/Maintenance

The question if companies succeed in their sales plans mainly depends on the number and volume of the incoming orders and last but not least on the duration of the marketing cycle. Bookings and order processing are computer-controlled in a fraction of a second. However, in many cases manual order picking is indispensable. In order to organize it quickly and effectively, a reliable and robust technology is required. The microsyst display technology offers a flexible solution.

Requirements placed on Pick-to-Light systems are highly demanding. The most important factors are high availability, safe and rapid data exchange and the option to expand the system any time without problems. On the basis of these objectives, our engineers have developed an optimal system for the user.



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