

213764

ID600-BM28-EP15/300

Fixed-mounted ID Reader

- Inspection tasks: Localize and Detect (Read) ID code
- Upgrade option: DPM (Direct Part Mark)
- The specialist, compact and high-performance
- High power LED illumination in red and white
- Flexible and productive Software nVision-i
- Parameter changes via linked Profinet inputs during execution
- Simple & intuitive parameterization
- Flexible working distances of 50 - 2,000 mm by changing lenses
- Customization option



Technical drawing showing dimensions and component labels:

- Dimensions: 45 mm width, 70 mm height, 32 mm mounting hole offset, 16 mm mounting hole diameter, 34 mm housing length, 85 mm total height, 9.2 mm bottom offset, 25 mm lens diameter, 12.5 mm connector offset, 19 mm connector offset, 34 mm mounting hole offset, 16 mm mounting hole diameter, 12.5 mm connector offset, 19 mm connector offset.
- Labels: M12, 12-pol A-codiert; M12, 8-pol X-codiert; M3x0.5 - 6H (4x); LED rot (4x); LED weiss (4x); LED gelb/yellow Trigger; LED gelb/yellow LAN; LED grün/green Betrieb; R6.5; Ø41.5.

12-pol A-codiert		
1	SPS_IN0	7 +UB
2	SPS_IN1	8 GND
3	SPS_OUT_2	9 NC
4	SPS_OUT_3	10 Trigger IN
5	READY	11 SPS_OUT_0
6	COMMON INTERFACE	12 SPS_OUT_1

8-pol X-codiert		
1	LAN A+	5 LAN D+
2	LAN A-	6 LAN D-
3	LAN B+	7 LAN C-
4	LAN B-	8 LAN C+

Function									



Technical data (typ.)	+20°C, 24 V DC
Service voltage	18 ... 30 V DC
No-load current (max.)	1000 mA (24 V DC)
Insulation voltage endurance	500 V
Housing dimensions	85 x 45 x 34 mm
Housing length	34 mm
Housing height	85 mm
Housing width	45 mm
Housing material	Die-cast zinc (Black, powder-coated)
Material	PMMA (Window / optics)
Lens connection	S-mount
Weight	265 g
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Risk group 1
Approvals	UL
Model	ID-600
Design	Cuboid design
Note	EtherNet/IP from nVision-i 24.1
Shutter	global
Code type - 1D-Codes (barcodes)	Code 2 of 5, Codabar, Code 128, Code 39, Databar, UPC / EAN, Pharmacode
Code type - 2D-Codes	Aztec Code, Data Matrix, Dotcode, QR
Code type - Stacked codes	PDF 417



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Technical data (typ.)	+20°C, 24 V DC
Scope of delivery	ID600-BM28-EP15/300, O-S1-S-080-40, CS60-WINDOW
Switching output	Push-pull, 100 mA
Switching output number	4 (programmable, 1 (Ready))
Voltage drop (max.)	2 V
Interface	Ethernet
Protocols	TCP/IP, FTP/SFTP, Profinet, EtherNet/IP
Color	Red / white switchable (internal)
Focal length	8 mm (exchangeable S-mount lens)
Resolution	736 x 480 Pixel
Pixel size	3.45 x 3.45 µm
Working distance	50.0 ... 2000 mm
Display	LED Green - Operation, yellow - DATA-Link yellow - Trigger
FPS - Frames Per Second (max.)	30 images/second
Flash length	< 2 ms
Ambient temperature during operation	0 ... +50 °C
Vibration/shock resistance	10 to 55 Hz / 1.0 mm / 30 g / 11 ms
Protection type	IP 67
Connection	Connector, M12, 12-pin (A-coded)
Connection 2	Socket, M12, 8-pin (X-coded)
Cable	Connection cables max. 25 m
More information / accessories	https://www.di-soric.com/213764