



**213765**  
**ID600-BM28-EP15/300PRO**  
**Fixed-mounted ID Reader**

- Inspection tasks: Localize and Detect (Read) ID code
- DPM (Direct Part Mark) upgrade for reading directly marked codes
- 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: 70 mm height, 45 mm width, 32 mm depth, 16 mm mounting hole offset, 34 mm lens diameter, 24 mm lens thickness, 85 mm total height, 9.2 mm bottom offset, 12.5 mm top 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-EP15/300DPM, 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	<a href="https://www.di-soric.com/213765">https://www.di-soric.com/213765</a>