

## DATALOGIC DS2100N LASER SCANNER

Industrial Laser Scanner

**DS2100N-1200**  
 Standard resolution, RS232/485, Linear, Standard performance



- Maximum Resolution Up To 0.12mm
- Scan rate 500 to 1000 Scans/sec
- Multilabel Reading
- Advanced Code Reconstruction

### OPIS PRODUKTU

DS2100N has been developed for ease of use, while at the same time offering outstanding read performance. DS2100N is equipped with the innovative X-PRESS™ interface which facilitates installation and maintenance. Together with the high-performance optics and built-in code reconstruction, ACB™, high read capacity is guaranteed.

X-PRESS™ Datalogic's innovative X-PRESS™ interface is designed to simplify and facilitate installation and maintenance. Status and diagnostic information are displayed clearly on the reader by means of 5 LEDs. The multifunction button on the reader allows easy calibration of settings such as read range, read distance and code learning.

#### ACB™ (Advanced Code Builder)

Advanced Code Builder permits reading of damaged codes by linking together two parts of a code. ACB™ is effective when you want to read low-height codes, damaged codes and poorly printed codes.

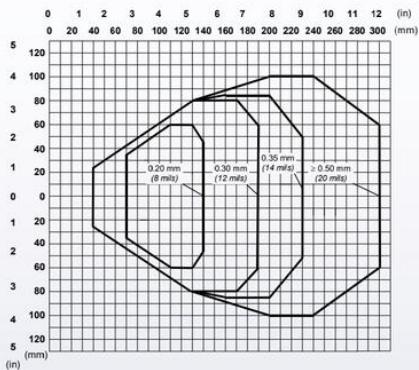
#### Genius™

Windows-based configuration program which offers a simple way of installing the reader and using functions such as remote control, software update or diagnostic control.

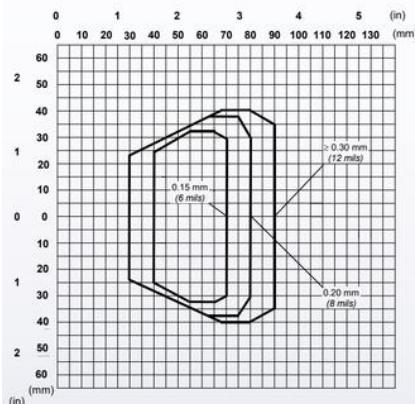
### SPECYFIKACJA TECHNICZNA

<b>1D Code types</b>	Code 2/5, Code 39, Code 93, Code 128, EAN128, Codabar, Pharmacode, Plessey, ISBT128, UPC/EAN
<b>Czytanie wielu etykiet</b>	Tak
<b>Masa</b>	330 g
<b>Materiał obudowy</b>	Aluminium
<b>Max. temperatura pracy</b>	45 °C
<b>Min. temperatura pracy</b>	0 °C
<b>Napięcie zasilania</b>	10-30 V DC

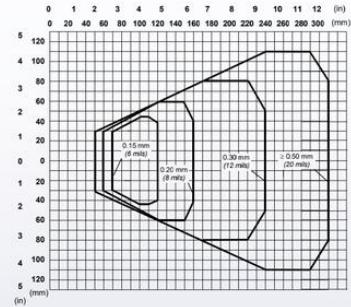
<b>Pobór mocy</b>	4 W
<b>Readable code types</b>	1D / Linear Codes
<b>Rozdzielczość</b>	0.12mm
<b>Stopień ochrony IP</b>	IP65
<b>Szybkość skanowania</b>	1000
<b>Wejścia cyfrowe</b>	2
<b>Wyjścia cyfrowe</b>	2
<b>Wymiary</b>	84 x 68 x 34
<b>Zasięg max</b>	300 mm
<b>Zasięg min</b>	50 mm
<b>Zintegrowany interfejs komunikacyjny</b>	RS232/RS422/RS485, Aux RS232, ID-NET RS485



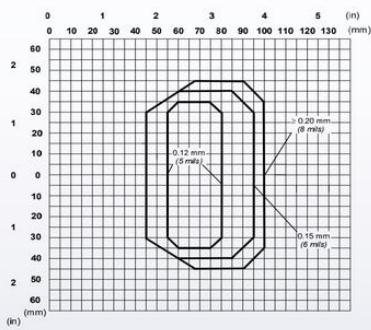
DS2100N-1X00 (Std Res)



DS2100N-2X00 (High Res)



DS2100N-1X04 High Performance (Std Res)



DS2100N-2X04 High Performance (High Res)

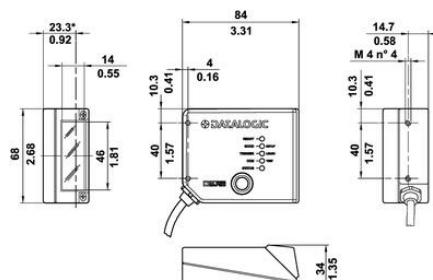


Figure 97 - M12 D-Coded 4-pin Female Profinet-IO Network Connector

On-Board Ethernet Network Connector Pinout		
Pin	Name	Function
1	TX +	Transmitted data (+)
2	RX +	Received data (+)
3	TX -	Transmitted data (-)
4	RX -	Received data (-)

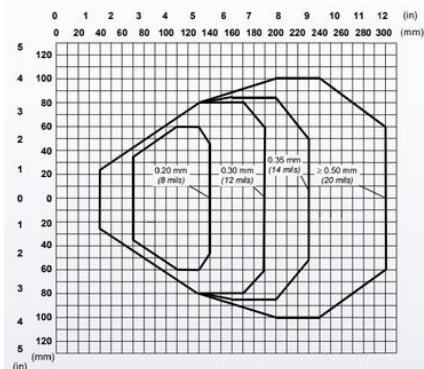
## POWER



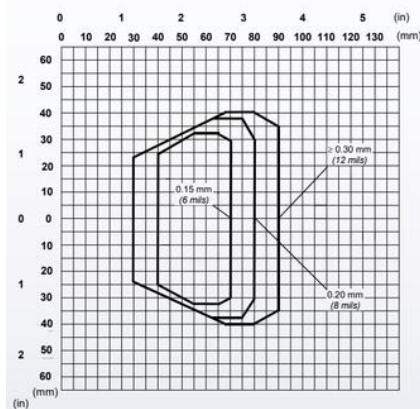
Figure 98 - M12 A-Coded 5-pin Male Power Connector

Power Connector Pinout		
Pin	Name	Function
1	Vdc	Power supply input voltage +
2	NC	Not Connected
3	GND	Power supply input voltage -
4	NC	Not Connected
5	NC	Not Connected

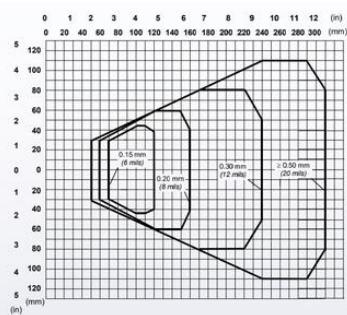
The CS-A1-02 or AS-I accessory power cables can be used to connect to the power source.



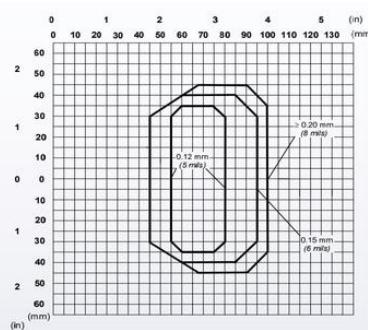
DS2100N-1X00 (Std Res)



DS2100N-2X00 (High Res)



DS2100N-1X04 High Performance (Std Res)



DS2100N-2X04 High Performance (High Res)



Figure 97 - M12 D-Coded 4-pin Female Profinet-IO Network Connector

On-Board Ethernet Network Connector Pinout		
Pin	Name	Function
1	TX +	Transmitted data (+)
2	RX +	Received data (+)
3	TX -	Transmitted data (-)
4	RX -	Received data (-)

## POWER



Figure 98 - M12 A-Coded 5-pin Male Power Connector

Power Connector Pinout		
Pin	Name	Function
1	Vdc	Power supply input voltage +
2	NC	Not Connected
3	GND	Power supply input voltage -
4	NC	Not Connected
5	NC	Not Connected

The CS-A1-02 or AS-I accessory power cables can be used to connect to the power source.