

## EX-Dragon-D101

The intrinsically safe cable-barcode-readers convince with their performance and high mechanical resistance of their housing, having degree of protection IP 53. Therefore they can be used in rough industry ambience. The Ex-Dragon-D101 can be used in hazardous areas category II 2G and II 3D (zones 1 and 22).

<b>Ex-classification in accordance with ATEX 95, directive 94/9/EG:</b>	
Type of protection:	II 2G, II 3D , EEx ib IIC T4 EEx ib IIB T4 Dust-Ex: II 3D X T 80 °C IP 53
Approval:	BVS 03 ATEX E 362
<b>Data transfer:</b>	
Connection to PC:	by ENT-DC via COM-Port (DSUB 9 Pin), serial
Connection to VisuNet RM/PC:	direct connectable at 20mA interface
Connection to PCEX:	direct connectable at 20mA interface
Connection to iPC-EX:	direct connectable at 20mA interface
Connection to TERMEX:	direct connectable at 5mA interface
<b>Barcodes:</b>	
	Code EAN8, EAN13, UPC Code EAN128 Code Interleaved 2/5 Code 39, Code 128 Code 93 Codabar Code MSI Code Plessey etc.
<b>Electrical Features:</b>	
Power supply:	9V DC
Consumption:	350 mA
<b>Laser Features:</b>	
Light source:	VLD 630 - 680 nm
Scanning rate:	35 ± 5 scans/s
Reading field width:	See reading diagram in the manual
Max. solution:	0,08 mm, 3 mils
PCS minimum:	15% (Datalogic Test Chart)
Scan angle:	42°
Laser safety class:	2 (IEC 825-1 / CDRH)
<b>Ambient conditions:</b>	
Temperature range during operation:	0 °C to + 40 °C
Temperature range storage:	-20 °C to + 50 °C
Humidity:	90% without condensation
Drop resistance (on concrete):	1,5 m
Protection:	Sealed against rain and dust
<b>Mechanical data:</b>	
Weight (incl. storage battery):	approx. 430g
Degree of protection:	IP 53
Dimensions:	203 x 117 x 69 mm
Material:	ABS and Polycarbonate molded with rubber
Cable length:	1,20m not pulled out , 4m max. pulled out