

IDM260-311S Art. No. 276039



- Barcode scanner for safe areas (non-Ex)
- Wired or wireless Bluetooth scanners
- 1D / 2D barcodes, stacked codes
- Compatible with R. STAHL's MANTA HMI device platform

MY R. STAHL IDMA

R. STAHL's IDM16x and IDM26x barcode scanners have been developed for safe production areas. Depending on the scanner, all common 1D / 2D barcodes and stacked codes can be read. The reading process is confirmed acoustically with a beep, visually with LED and with vibration. These HMI devices have been designed to fully meet industrial requirements: their compact enclosure with IP65 is extremely robust – it can withstand up to 50 drops onto concrete from a height of 2 m. The wired scanners support all common cable interfaces, and, when required, the cables can be replaced without the need for any tools. The wireless Bluetooth scanners transmit all data via Bluetooth.

Technical Data

General

Special version	wired handheld scanner
Version	two-dimensional imager scanner
Barcode types	one- 1D and two-dimensional 2D (bar and stacked code) (PDF417)
WebCode	IDMA

Electrical Data

Rated operational voltage DC	5 V
Power consumption DC	Operating (vibration disabled): 395 mA Operating (vibration enabled): 420 mA Standby: 220 mA
Interfaces	Interface support: USB
Light source	Visible red light (630 nm)
Scan frequency	-
Reader distance	30 ... 400 mm
Code resolution	≥ 0.07 mm, ≥ 0.13 mm (depending on code)
Status LED	optical: 2x LED (operating status / read confirmation) acoustic: beeper (can be switched off) vibration

Auxiliary Power

Power supply	Via connection cable
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Ambient Conditions

Ambient temperature	-20°C ... +50°C
Storage temperature	-40°C ... +70°C
Relative humidity	±95 % , non-condensing
Shock resistance	50 drops from a height of 2 m onto a concrete surface

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Mechanical Data

Front enclosure protection type (IP)	IP65
Rear enclosure protection type (IP)	IP65
Enclosure material	Plastic
Width	104 mm
Height	176 mm
Depth	77 mm
Dimensions (WxHxD)	104 mm x 185 mm x 76 mm
Ingress protection	IP65
Weight	500 g
Weight	1.1 lb

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