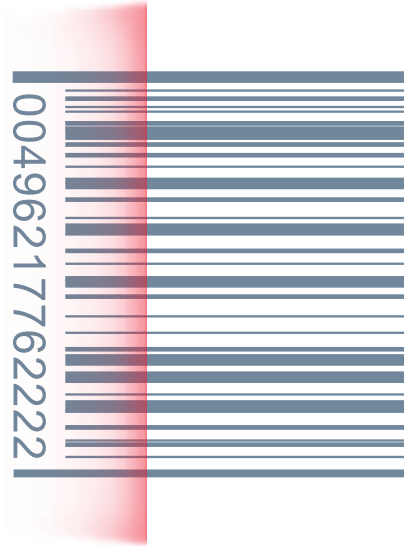


**UNLIMITED DATA CAPTURING**

**POWERSCAN  
FOR HAZARDOUS AREAS**





## Barcode reading in hazardous areas Class I, Division 1 and Class I, Division 2

PScan-D readers are ruggedly constructed for use in hazardous areas including Class I, II, III, Division 1 and Class I, II, III, Division 2. The robust design has a recessed display and protected scanner window that guarantees the barcode reader will function even after a fall from a height of two meters. Its extended reading distance satisfies customer requirements for capturing operating data and reading barcodes in hazardous areas.

The PScan-D reads all common 1-D barcode families and uses patented technology that can reliably read barely legible or damaged codes. The aiming option allows the unique identification of barcodes positioned extremely close to each other. An acoustic and optical signal confirms that the code has been read successfully. Three LEDs ensure that confirmation can be seen from every angle.

### YOUR BENEFITS

- **One handheld for all standard 1-D barcodes**  
Distinguishes all GS1 DataBar™ linear codes
- **Aim and click up to 1 m (3ft) away**  
Fast and accurate barcode reading at extended distances
- **Persistent scan quality**  
Rugged industrial IP44 handheld scanner for extreme conditions with drop resistance up to 2 m (6.5 ft)
- **Low reading error rate**  
Capture damaged or dirty barcodes with patented Puzzle Solve™ technology
- **Confirmed scan**  
Accurate barcode reading with audible and LED feedback
- **Wide reading angle**  
Unaffected by ambient light or sunlight exposure

PowerScan	Wired		Wireless		
Product name	PScan-D		PScan-M	PScan-B	PScan-C
Product picture					
ATEX approval	Zone 1				
Group	IIB				
Temperature class	T4				Safe area
Ignition protection	ib [op is]			ib	
DIV approval	Class I, II, III, Div. 1	Class I, II, III, Div. 2			
Group	C - G	C, D, F, G			
Temperature class	T4	T4			
Ignition protection	IS	NI			

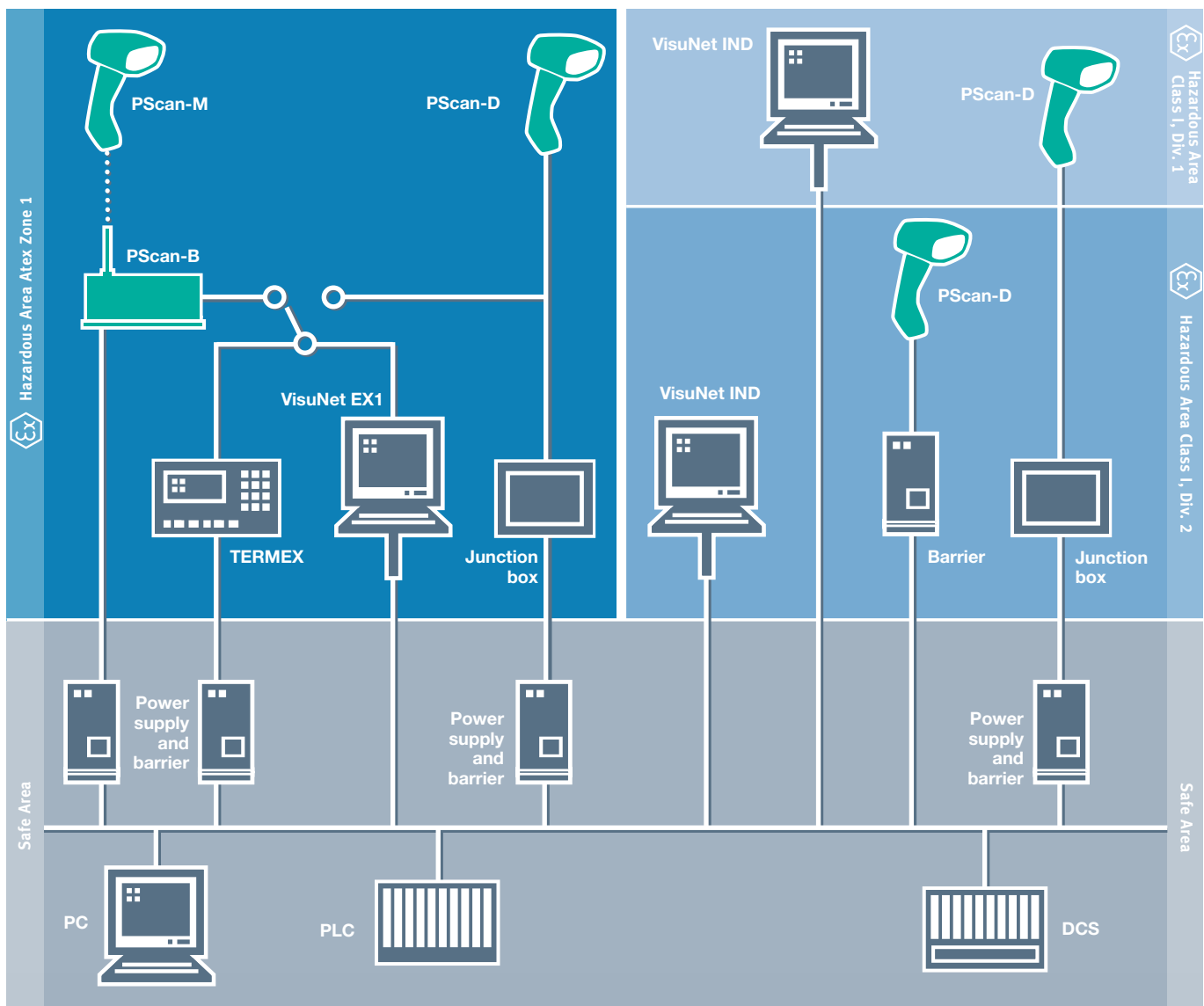
# POWERSCAN: FLEXIBLE, DURABLE, AND RELIABLE

## POWERSCAN – BARCODE READING IN HAZARDOUS AREAS

Using a cable with a maximum length of 150 meters, the PScan-D barcode reader can be connected directly to a host computer located in the safe area. Alternatively, it can be used in conjunction with the VisuNet family of industrial HMI's. A high-performance wireless version, PScan-M, is also available for use in Zone 1 hazardous areas. It transmits the captured data to a base station

that is also located in a hazardous Zone 1 area. Power is provided by a charger that is located in the safe area.

When conditions demand a versatile, resilient, and reliable barcode reader for hazardous areas, the PowerScan family of barcode readers meets the challenge head on.



# PROCESS AUTOMATION – PROTECTING YOUR PROCESS



For over a half century, Pepperl+Fuchs has provided new concepts for the world of process automation. Our company sets standards in quality and innovative technology. We develop, produce and distribute electronic interface modules, Human-Machine Interfaces and hazardous location protection equipment on a global scale, meeting the most demanding needs of industry. Our worldwide presence, combined with flexible operating systems in our production and service organizations, enable us to offer complete individual solutions – wherever and whenever you need us. We are the recognized experts in our technologies – Pepperl+Fuchs has earned a strong reputation by supplying the world's largest process industry companies with the broadest line of proven components for a diverse range of applications.

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