

SIWAREX DB, four-channel digital junction box for additional diagnostic options for analog load cells / strain gauges (full bridges) for SIWAREX WP weighing module, 1xRS485, 4xLC load cell interface (1-4mV/V), stainless steel housing, protection class: IP66, Ex approval (ATEX and IECEx): II 3 G Ex ec IIC T4 Gc and II 3 D Ex tc IIIC T120°C DC

General information	
Product type designation	SIWAREX DB
Supply voltage	
Type of supply voltage	24 V DC
Digital inputs	
Number of digital inputs	0
Degree and class of protection	
IP degree of protection	IP66, Nema 4X for devices without explosion protection; IP65 for devices with explosion protection
Standards, approvals, certificates	
CE mark	Yes
UKCA mark	Yes
UL approval	Yes
RoHS conformity	Yes
Use in hazardous areas	
• ATEX marking • ATEX certificate	II 3 G Ex ec IIC T4 Gc and II 3 D Ex tc IIIC T120 °C Dc DEKRA 21 ATEX 0025X
Ambient conditions	
Ambient temperature during operation	• min. -40 °C • max. 85 °C
Ambient temperature during storage/transportation	• min. -50 °C • max. 100 °C
Altitude during operation relating to sea level	• Installation altitude above sea level, max. 2 000 m
Connection method	
Connection I/O signals	• Connection method Screw terminals
Conductor cross-section in mm ²	— Connectable cable cross-sections for flexible cables with end sleeve, min. 0.25 mm² — Connectable cable cross-sections for flexible cables with end sleeve, max. 1.5 mm²
Conductor cross-section acc. to AWG	— Connectable cable cross-sections for flexible cables with end sleeve, min. 24 — Connectable cable cross-sections for flexible cables with end sleeve, max. 16
Mechanics/material	
Design of housing	Stainless steel
Dimensions	
Width	204 mm
Height	110 mm
Depth	73 mm
Weights	
Weight, approx.	1.34 kg
Scope of supply	

Delivery quantity in pieces	1
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Other

Usable in the following products

• Product 1	SIWAREX WP2x1
• Product 2	SIWAREX WP3x1

Classifications

	Version	Classification
eClass	16	27-14-44-03
eClass	14	27-14-44-03
ETIM	10	EC002713
ETIM	9	EC002713

Approvals / Certificates

General Product Approval	For use in hazardous locations
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last modified: 7/1/2026