

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. • max.	-40 °C 85 °C
Ambient temperature during storage/transportation	
• min. • max.	-50 °C 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 mm²	
— 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
Other	
Usable in the following products	
• Product 1	SIWAREX WP2x1
• Product 2	SIWAREX WP3x1
Classifications	

	Version	Classification
eClass	14	27-32-03-90
eClass	12	27-32-03-90
eClass	9.1	27-32-03-90
eClass	9	27-32-03-90
eClass	8	27-32-03-90
eClass	7.1	27-32-03-90
eClass	6	27-32-03-90
ETIM	9	EC001195
ETIM	8	EC001195
ETIM	7	EC001195

Approvals / Certificates	
General Product Approval	For use in hazardous locations



For use in hazardous locations

[Miscellaneous](#)

last modified:

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