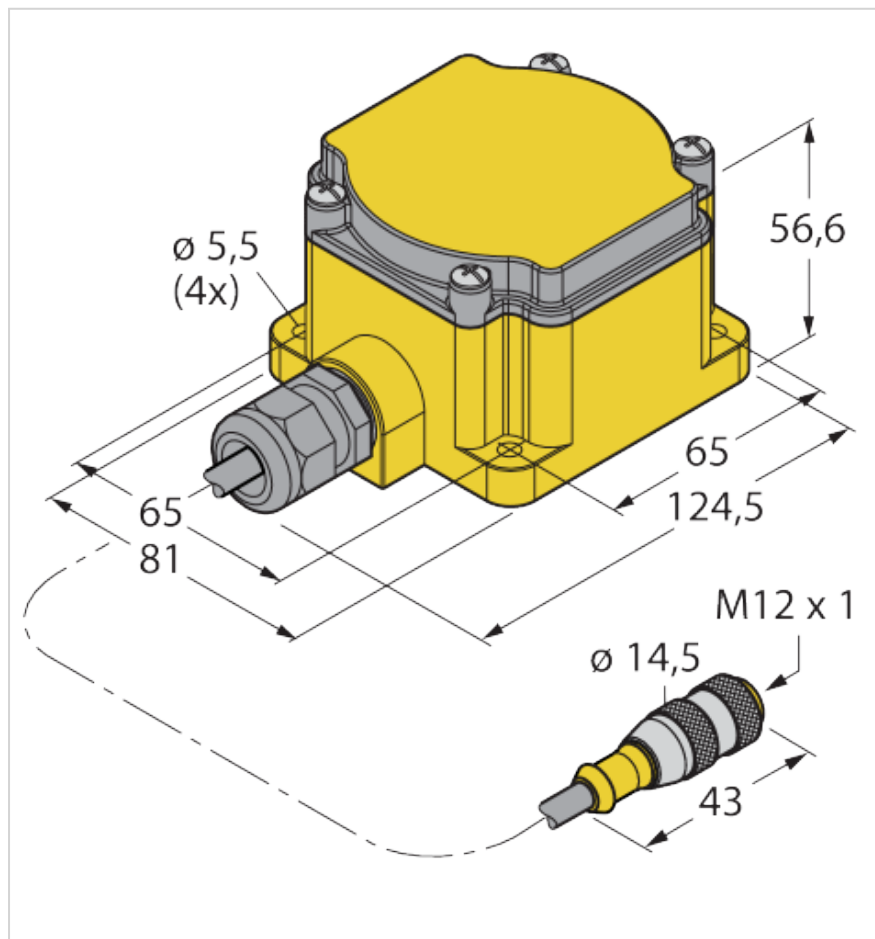


DX81-LITH

Battery Module

For External Power Supply of DX80 Radio Devices
3.6-V Li-Ion Battery



Type designation	DX81-LITH
Ident-No.	3086016

Technical data

General data	
Device type	Battery housing
Power supply	
Operating voltage U_B	3.6...5,5 VDC
Electrical data	
runs with battery	Yes

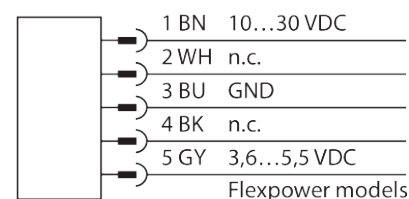
Features

- 150-mm cable with male connector, M12 × 1
- Protection class IP67
- For connection to a DX80 FlexPower device
- Holds a Li-Ion D cell
- XL-205F Li-ion battery included in delivery

Technical data

Mechanical data	
Design	Rectangular
Construction type designation	DX81
Dimensions	124,5 mm x 80,9 mm x 50,6 mm
Housing material	Plastic, PC
Antenna connection	No radio participant
Ambient conditions	
Ambient temperature	-40...+85 °C
Relative humidity	0...95 %
Protection class	IP67
Tests/approvals	
Approvals	ATEX II 3 G
Approvals	ATEX II 3 G

Wiring Diagram



Functional principle

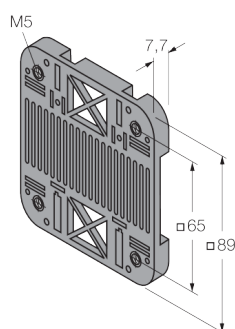
The DX81 battery modules supply the FlexPower nodes of DX80 networks with power. For XL-205F battery. Efficient energy management ensures that connected sensors are only powered by the nodes when a signal is read out. With power saving circuits and depending on the configuration, the batteries may last 2 or 3 years.

Directives:

Shock and vibration resistance: IEC 68-2-6 and IEC 68-2-7

Mounting accessories

SMBDX80DIN	3077161
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Mounting panel for DIN rail, suited for CP80, DX80, K80, Q80, operating temperature: -20...+90 °C

Functional accessories

SL-2780/S	6913376
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Lithium-ion battery, D cell, 3.6 VDC, 19,000 mAh, local supplier, GGV UN3090/CL9