

*** SPARE PART*** SIMATIC DP, EXPANSION MODULE EM 141
FOR ET 200X, IP66/67 8 DI 24V DC, 5-PIN, M12, WITH SINGLE-
CHANNEL PORT, 1 CHANNEL PER M12 CONNECTOR, FOR ALL
BASIC MODULES

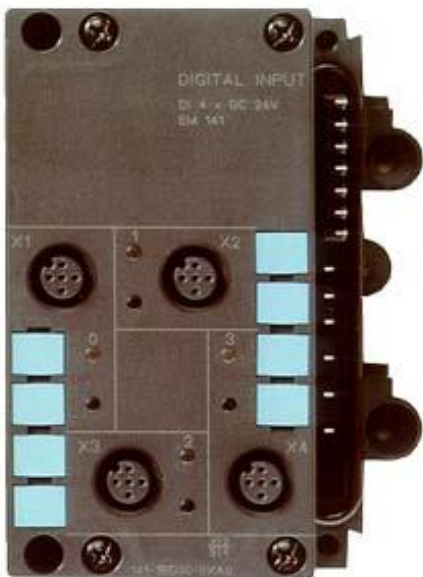


Figure similar

Input current	
from backplane bus 5 V DC, max.	10 mA
Encoder supply	
Number of outputs	8
Short-circuit protection	Yes; Electronic
Output current	
• up to 40 °C, max.	0.5 A; Total current: 1 A
• up to 55 °C, max.	0.4 A; Total current: 0.8 A
Power loss	
Power loss, typ.	1.5 W
Digital inputs	
Number of digital inputs	8
Input characteristic curve in accordance with IEC 61131, type 1	Yes
Number of simultaneously controllable inputs	
all mounting positions	

— up to 55 °C, max.	8
Input voltage	
• Rated value (DC)	24 V
• for signal "0"	-3 to +5V
• for signal "1"	13 to 30V
Input current	
• for signal "1", typ.	7 mA
Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", min.	1.2 ms
— at "0" to "1", max.	4.8 ms
— at "1" to "0", min.	1.2 ms
— at "1" to "0", max.	4.8 ms
Cable length	
• unshielded, max.	30 m
Encoder	
Connectable encoders	
• 2-wire sensor	Yes
— permissible quiescent current (2-wire sensor), max.	1.5 mA
Potential separation	
Potential separation digital inputs	
• Potential separation digital inputs	No
Dimensions	
Width	87 mm; Width module 60 mm
Height	180 mm
Depth	55 mm
Weights	
Weight, approx.	350 g
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