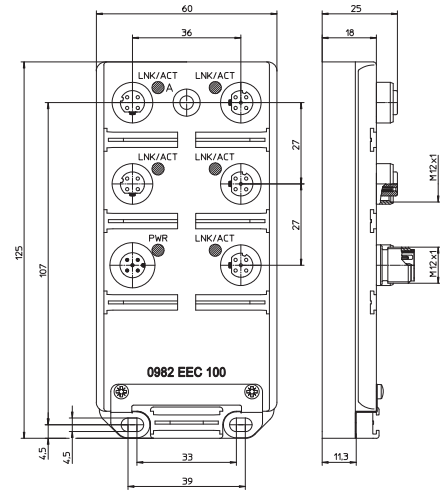# lumbergautomation
A **BELDEN** BRAND

Industrial Ethernet Switches for PROFINET or Ethernet/IP Applications

0982 EEC 100

5 Port (unmanaged switch)

Ethernet–Switch, IP 67, 5-port switch for 10 and 100 Mbaud transmission rates, M12 socket 4 poles D coding, M12 power supply 5 poles standard coding.

0982 EEC 100

Pin Assignment

M12 Socket	Power supply M12
1 = TD+ 2 = RD+ 3 = TD- 4 = RD- 5 = shield	1 = 24 V 2 = n.c 3 = GND (0 V) 4 = n.c. 5 = earth

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Technical Data

Environmental
Degree of protection	IP 67
Operating temperature range	0°C (32°F) to +60°C (+140°F)

Mechanical
Weight	210 g
Housing material	PUR

Switch Functionality
Mode of operation	Store and forward
Number of storable addresses	1000
Aging time	300 s
Tagging	EtherNet telegrams with VLAN tag field are transmitted unchanged

Ethernet Ports — 10BASE-T / 100BASE-TX
Data transmission rate	10 Mbit/s and 100 Mbit/s
Cable type	Twisted Pair (TP/TX) or star quad, CAT 5, shielded
Number of ports	5
Length of a TP segment	100 m
Link control	yes
Autopolarity	yes
Autonegotiation	yes
Autocrossing	yes
Channel status indicator	LED green per port

Electronics Power Supply — PWR
Rated voltage	24 V DC
Voltage range	18–30 V DC
Power consumption	2.4 W
Reverse polarity protection	yes
Indication	LED green

Included in delivery/accessories
Dust covers M12	2 pieces
Attachable labels	10 pieces

Part Number
0982 EEC 100

The application of these products in harsh environments should always be checked before use.
Specifications subject to alteration.