

Distribution Box M12

Distribution box with M12 slots and master cable/mountable/M23 connection

Passive distribution boxes with M12 slots and fixed installed master cable in a fully sealed housing for a structured wiring of sensors and actuators



Supplementary automation components from Lapp



Mechanical and plant engineering



Assembly time



Space requirement



Power chain



Waterproof

Benefits

Cost efficient and rational wiring of sensors and actuators
 Instead of numerous individual conductors,
 one master cable is laid to the control unit
 Hybrid cable for signal and power transmission

Product features

With fixed master cable, mountable or M23 socket
 Single or double-occupied sensor/actuator box
 M12 quick-locking system, optional diagnostic LEDs (PNP)
 Suitable for drag chains
 PWIS-free

Last Update (24.08.2023)

©2023 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

Distribution Box M12

Norm references / Approvals

E-File number: E75770

Product Make-up

Core insulation: PVC

Outer sheath: PUR, black

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC002585 ETIM 5.0 Class-Description: Passive sensor-actuator interface
Classification ETIM 6:	ETIM 6.0 Class-ID: EC002585 ETIM 6.0 Class-Description: Passive sensor-actuator interface
Protection rating:	IP65/IP67 (M23 connection) IP65/IP67/IP69
Ambient temperature (operation):	-25 °C to +75 °C (M23 connection) -30 °C to +90 °C Fixed installation -40 °C to +90 °C Flexing -5 °C bis +80 °C
Max. current rating per path:	2 A
Current rating per slot:	4 A

Note

Copper price basis: inclusive of copper. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

Unoccupied slots must be covered with protective caps - ArtNo. 22260606 (M8); 22260605 (M12).

UL certifications can be found in the data sheet.

Distribution Box M12

Article number	Article designation	Length (m)	Number of slots	Status display
22260010	AB-B4-M12-4-5,0PUR	5	4	no
22260011	AB-B4-M12-4-10,0PUR	10	4	no
22260014	AB-B8-M12-8-5,0PUR	5	8	no
22260015	AB-B8-M12-8-10,0PUR	10	8	no
22260018	AB-B4-M12L-4-5,0PUR	5	4	With LEDs
22260019	AB-B4-M12L-4-10,0PUR	10	4	With LEDs
22260970	AB-B6-M12L-6-5,0PUR	5	6	With LEDs
22260022	AB-B8-M12L-8-5,0PUR	5	8	With LEDs
22260023	AB-B8-M12L-8-10,0PUR	10	8	With LEDs
Field mountable				
22260005	AB-B4-M12-4-C	-	4	no
22260007	AB-B8-M12-8-C	-	8	no
22260001	AB-B4-M12L-4-C	-	4	With LEDs
22260003	AB-B8-M12L-8-C	-	8	With LEDs
M23 connection				
22260618	AB-B6-6-L-M23	-	6	With LEDs
22260619	AB-B8-8-L-M23	-	8	With LEDs
22260012	AB-B4-M12-8-5,0PUR	5	4	no
22260013	AB-B4-M12-8-10,0PUR	10	4	no
22260016	AB-B8-M12-16-5,0PUR	5	8	no
22260017	AB-B8-M12-16-10,0PUR	10	8	no
22260020	AB-B4-M12L-8-5,0PUR	5	4	With LEDs
22260021	AB-B4-M12L-8-10,0PUR	10	4	With LEDs
22260024	AB-B8-M12L-16-5,0PUR	5	8	With LEDs
22260025	AB-B8-M12L-16-10,0PUR	10	8	With LEDs
Field mountable				
22260006	AB-B4-M12-8-C	-	4	no
22260008	AB-B8-M12-16-C	-	8	no
22260002	AB-B4-M12L-8-C	-	4	With LEDs
22260004	AB-B8-M12L-16-C	-	8	With LEDs
M23 connection				
22260621	AB-B8-16-M23	-	8	no

Last Update (24.08.2023)

©2023 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03_16