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Special 712



Article

Item no.	Description
188052	**Special 712** Opto-sensor set for garage door openers, consisting of opto-sensor set, adapter sleeves 11/22 mm, door leaf junction box, spiral cable, junction box, 10.0 m connection cable and EP 143 expansion board

Scope of delivery

- Spiral cable 5x0,25 mm^2 with cable glands, connection terminals for the control and plug for the door leaf connection box, 1.600 mm uncoiled/800-3.200 mm coiled length
- Bracket for spiral cable
- Gate leaf junction box with board and opening for spiral cable
- 4 cable entries for door leaf junction box
- F photoelectric sensor transmitter with 10,500 mm cable
- F photoelectric sensor receiver with 1,000 mm cable
- 2 F-distance sleeves 11/22 mm
- EP 143 Extension board
- Junction box
- Connecting cable 7x0,25 mm^2, 10.000 mm
- Installation material

Features

Spiral cable 5x0.25 mm² - 1,600 mm

Features

- Pre-attached plug-in terminals for the control unit and a plug-in connection to the door leaf junction box reduce the connection effort, prevent connection errors and simplify installation

EP 143

Features

- 1 programmable input with resistance and OSE signal processing for 8.2 kOhm contact strips or OSE opto-sensors (12 V-DC/max. 0.05 A)
- Compact size enables accommodation in the operator housing

Use

Door leaf junction box OSE/8.2 kOhm

- Can only be used in conjunction with spiral cable 5x0.25 mm² or 5x0.5 mm² with plug for door leaf junction boxes

F spacer sleeve set 11/22 mm

- For opto-sensors with 11 mm diameter. For bottom door profiles with receptacle for 22 mm opto-sensors

EP 143

- For Comfort 260 (speed), 270 (speed), 280, 360, 370, and 380

Connecting cable

- For door leaf junction boxes

Technical data

Spiral cable 5x0.25 mm² - 1,600 mm

- Number of wires: 5
- Wire cross-section [mm²]: 0.25
- Cable entry control housing: CS housing
- Length uncoiled - control [mm]: 1,600
- Turning length retracted [mm]: 800
- Turning length extended [mm]: 3,200
- Weight [kg]: 0.55
- Packing width: 280
- Packing height: 400

- Packing depth/length: 450
- Packing weight: 0.521
- Freight forwarding articles: No
- GTIN: 4062434018521
- Customs tariff number: 85444995
- Country of origin 1000: Deutschland
- Garantie: -

Door leaf junction box OSE/8.2 kOhm

- Connection type: Pluggable
- Inputs:
  1 input for conventionally wired contact strips or opto-sensors
  2 inputs for conventionally wired slack rope switches or wicket door contacts
- Outputs:
  1 output with socket (Molex 6-pin) for spiral cable with plug (Molex 6-pin)
- Protection class: IP54
- Temperature (min.) [°C]: -20
- Temperature (max.) [°C]: 60
- Temperature (min./max.) [°C]: -20/60
- Width [mm]: 165
- Height [mm]: 60
- Depth [mm]: 40
- Weight [kg]: 0.1
- Packing width: 88
- Packing height: 88
- Packing depth/length: 173
- Packing weight: 0.109
- Freight forwarding articles: No
- GTIN: 4062434018538
- Customs tariff number: 85444290
- Country of origin 1000: Deutschland
- Garantie: -

F-Transmitter

- Connection type: Conventional
- Interfaces: OSE
- Protection class: IP68
- Temperature (min.) [°C]: -20
- Temperature (max.) [°C]: 75
- Temperature (min./max.) [°C]: -20/75
- Range [m]: 10
- Operating voltage [V]: 4-28 V-DC
- Diameter [mm]: 11
- Length [mm]: 37

- Cable length [m]: 10.5

F-receiver

- Connection type: Conventional
- Interfaces: OSE
- Protection class: IP68
- Temperature (min.) [°C]: -20
- Temperature (max.) [°C]: 75
- Temperature (min./max.) [°C]: -20/75
- Range [m]: 10
- Operating voltage [V]: 4-28 V-DC
- Diameter [mm]: 11
- Length [mm]: 37
- Cable length [m]: 1

F spacer sleeve set 11/22 mm

- Diameter inside [mm]: 11
- Outer diameter [mm]: 22
- Length [mm]: 30
- Weight [kg]: 0.01
- Packing width: 51
- Packing height: 25
- Packing depth/length: 59
- Packing weight: 0.021
- Freight forwarding articles: No
- GTIN: 4062435001553
- Customs tariff number: 40091100
- Country of origin 1000: Deutschland
- Garantie: -

EP 143

- Connection type: Pluggable
- Inputs:
  1 programmable input with resistance and OSE signal processing for 8.2 kOhm contact strips or OSE opto-sensors (12 V-DC/max. 0.05 A)
- Interfaces: MS bus (RJ14 connector) OSE
- Protection class: IP00
- Operating voltage [V]: 24 V-DC
- Operating voltage type: Direct current
- Width [mm]: 30
- Height [mm]: 50
- Depth [mm]: 20
- Packing width: 185
- Packing height: 30

- Packing depth/length: 255
- Packing weight: 0.062
- Freight forwarding articles: No
- GTIN: 4062434000656
- Customs tariff number: 85364110
- Country of origin 1000: Deutschland
- Garantie: -

Junction box

- Protection class: IP55
- Material: PP
- Color: Gray
- Installationarea: On the wall
- Width [mm]: 85
- Height [mm]: 85
- Depth [mm]: 37

Connecting cable

- Number of wires: 7
- Wire cross-section [mm^2]: 0.25
- Cable length [m]: 10
- Packing width: 185
- Packing height: 38
- Packing depth/length: 237
- Packing weight: 0.461
- Freight forwarding articles: No
- GTIN: 4062435000617
- Customs tariff number: 85444210
- Country of origin 1000: Deutschland
- Garantie: -

Predecessors

Item no.	Description	Discontinuation
103374	**Special 712** Opto-sensor set for garage door openers, consisting of: Spiral cable 5x0.25 mm^2, 3.0 m uncoiled and 0.8 to 3.2 m coiled length, pluggable; F photoelectric sensor receiver with 10.5 m cable / transmitter with 1.0 m cable, OSE, conventional; adapter sleeves 11/22 mm, EP 143 expansion board	2021-11-26