

EXACT8, 8XM8, 4 POLE MOULDED CABLE

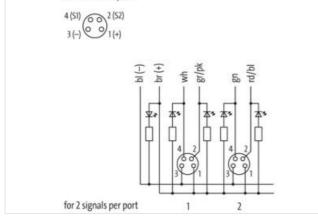
5.0m PUR 16x0,34+2x0,75 NPN-LED's

8-way, 4-pole for NPN signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration





20.5 complete 35 132

Product may differ from Image



Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.de | shop.murrelektronik.de



ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879054409
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	
Number of signals per port	2
	-
Installation Connection	
Mounting set	M8 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Environmental characteristics Climatic Operating temperature min.	-20 °C
	-20 °C 80 °C
Operating temperature min.	
Operating temperature min. Operating temperature max.	80 °C
Operating temperature min. Operating temperature max. Additional condition temperature range	80 °C
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable	80 °C depending on cable quality 396
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color	80 °C depending on cable quality 396 gray
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification	80 °C depending on cable quality 396
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate	80 °C depending on cable quality 396 gray cURus, CSA
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	80 °C depending on cable quality 396 gray cURus, CSA 1
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2)	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 1 urres around Stranding combination twisted
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Banding	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) 143 g/m
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) 143 g/m PUR
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) 143 g/m PUR 89 ± 5 Shore A
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) 143 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) 143 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 10,4 mm
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) 143 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 10,4 mm ± 5 %
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow, white) 143 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 10,4 mm ± 5 % TPE-E
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) 143 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 10,4 mm ± 5 % TPE-E 16
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	80 °C depending on cable quality 396 gray cURus, CSA 1 6 wires around Core filler twisted 1 12 wires around Stranding combination twisted Fleece yes gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) 143 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 10,4 mm ± 5 % TPE-E 16 1,5 mm

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.de | shop.murrelektronik.de



Ingradiant fragment wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
Ingredient freeness wire insulation Traversing distance (C-track)	5 m @ 25 °C horizontal
	42
Amount strands (wire)	
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	1,8 mm
Tolerance outer diameter wire insulation (data)	
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	42
Diameter of single wires (Data)	0,15 mm
Conductor crosssection wire (Data)	0,75 mm ²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Max. rated voltage (conductor - conductor)	300 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Current load capacity min. Wire (Data)	12 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	
	Good, application-related testing DIN EN 60811-404
Bending radius (installation)	Good, application-related testing DIN EN 60811-404 x Outer diameter
Bending radius (installation) Bending radius (fixed)	
•	x Outer diameter
Bending radius (fixed)	x Outer diameter 7,5 x Outer diameter
Bending radius (fixed) Bending radius (dynamic)	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track)	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 10
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 10 M8
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 10 M8 female
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 10 M8 female black
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 10 M8 female black A 4
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 10 M8 female black A 4 +
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 10 M8 female black A 4
Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1	x Outer diameter 7,5 x Outer diameter 10 x Outer diameter 5 Mio. @ 25 °C free cable end 10 M8 female black A 4 + S 2

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.de | shop.murrelektronik.de