

## EXACT8, 8XM8, 4 POLE MOULDED CABLE

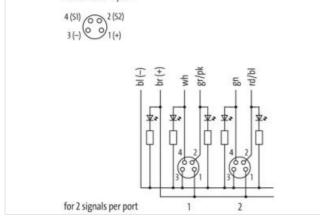
10.0m PUR/PVC 16x0,34+2x0,75

8-way, 4-pole PUR/PVC Further cable lengths on request. 10.0 m 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: 2024-05-04



ECLASS 10.1     27440108       ECLASS 1.1.1     27440108       ECLASS 1.2.0     27240108       ETMA 5.0     ECO2885       Catabra 1.01     494695054601       Prosaging unit     4       Prosaging unit     1       Etectrical data 1 Supply        Contract operating per contract racs.     2 A       Total communication     2 A       Industrial communication     2 A       Number of signing per prof     2       Persiting voltage per prof <th>ECLASS-9.0</th> <th>27440108</th>	ECLASS-9.0	27440108
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Number of signals per port     2       Installation   Connection     Mox 1       Bovice protection   Electrical     Device protection   Electrical       Device protection   Kell Ele C6029)     IP65. IP67       Device protection   Media     Image and protection   Media       Machinal constraints     Iffame relardant       Machinal loading     Iffame relardant       Machinal loading     Plastic       Machinal loading     Plastic       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     20 °C       Operating temperature max.     B0 °C       Addition I condition temperature max.     B0 °C       Addition Cable     Unition       Stable identification     395       Cable identification     395       Cable identification     1       Stranding     1       Stranding     1       Wire arrangement     bick, violet gray-prink, red-blue, green-while, brown-green, (brown-green, (brown-green, (brown-green, (brown-green, (brown-green, (brown-green, while, brown-green, (brown-green, (brown-green, (brown-green, (brown-green, (brown-green, (brown-green, (br		0 A
Installation   Connection     M8 x 1       Device protection   Electrical     IPe6, IP67       Device protection   Media     IPe6, IP67       Device protection   Media     fame retardant       Famo resistance     fame retardant       Mechanical data   Material data     Material housing     Plastic       Material housing     Plastic     Methanical data   Mounting data       Mounting method     Schraubgewinde     Environmethal characteristics   Climatic       Operating temperature min.     -20 °C     Concenting temperature max.     80 °C       Additional condition temperature max.     80 °C     Concenting temperature max.     80 °C       Additional condition temperature max.     80 °C     Concenting temperature max.     80 °C       Cable Iogne I (Eacher)     Estallation   Cable     Estallation   Cable     Estallation   Cable       Stood Syle jacket     Hybrid. Signal. Power     Cable Iogne     2       Cable Color     gray     1     Schraubg gray     2       Cable Color     gray     1     Schraubg gray     2       Cable Syle     2     2     2     2	Industrial communication	
Mounting set     M8 x 1       Device protection [ Electrical       Degree of protection [M EG 60529]     IP65, IP67       Device protection [ M EG 60529]     IP65, IP67       Device protection [ M EG 60529]     IP65, IP67       Device protection [ M EG 60529]     IP65, IP67       Device protection [ Material data     Image restance     Image restance       Material housing     Plastic     Image restance     Image restance       Mechanical data   Mounting data     Schraubgewinde     Image restance     Image restance     Image restance       Mounting method     Schraubgewinde     Schraubgewinde     Image restance     Image restance       Coperating temperature man.     -20 °C     Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality     Image restance     Image restance       Stradiation Cable	Number of signals per port	2
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media     Flame resistance     flame retardant       Mechanical data   Material data     Mechanical data   Material data     Mechanical data   Material data       Metrial housing     Plastic     Mechanical data   Mounting data       Mounting method     Schraubgewinde     Environmental characteristics   Climatic       Operating temperature min.     -20 °C     Operating temperature may     690 °C       Additional condition temperature range     depending on cable quality     Metrical data   Material housing     Metrical data   Material housing       ToSOW style jacket     Hybrid, Signal, Power     Cable forefitication     395       Cable Type     2     Jacket Color     Gray       Type of Conflicate     CURus     Amount stranding     1       Stranding (type 2)     1     2 wires around Core filter twisted     Meanit stranding, forey, retain, retain, retain, retain, retain, retain, retain       Wire arrangement     black, violet, gray-filk, reta-blue, green-white, brown-green, (brown-gray, gray-white, brown-yellow, wellow, wellow, wellow, retain,	Installation   Connection	
Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media     Iame retardant       Reme resistance     flame retardant       Mechanical data   Material data     Plastic       Mechanical data   Mouting data     Plastic       Mechanical data   Mouting data     Commential characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature may.     60 °C       Cable dentification     395	Mounting set	M8 x 1
Device protection   Media       Flame resistance     flame retardant       Metenial data   Material data     Material housing     Plastic       Metenial data   Mounting data     Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Comperating temperature main.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature mas.     80 °C       Additional condition temperature range     depending on cable quality     Image: Comparison on Comparison Comparison on Comparison on Comparison on Comparison Co	Device protection   Electrical	
Device protection   Media       Flame resistance     flame retardant       Metenial data   Material data     Material housing     Plastic       Metenial data   Mounting data     Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Comperating temperature main.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature mas.     80 °C       Additional condition temperature range     depending on cable quality     Image: Comparison on Comparison Comparison on Comparison on Comparison on Comparison Co	•	IP65. IP67
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Mechanical data   Material data       Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Commental characteristics   Climatic       Operating temperature main.     -20 °C       Operating temperature main.     -80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Store National State (Signal, Power       Cable identification     -395       Cable Type     2       Jacket Color     gray       Type of Cortificate     CURus       Amount stranding     1       Stranding     6 wires around Core filler twisted       Amount stranding (type 2)     12 wires around Stranding combination twisted       Wrie arrangement     black, violat, gray-pink, red-blue, green-white, brown-grae, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white, brown, blue)       Cable weight     154 g/m       Material jackt     PUR       Shore hardness jacket     87 ± 5 Shore A       Freedom from ingredients (jackel)     9.6 mm       Tolerance oute		A second s
Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature range     depending on cable quality       Installation   Cable     StoOW style jacket     Hybrid, Signal, Power     Cable identification       StoOW style jacket     Hybrid, Signal, Power     Cable identification     395       Cable identification     395     Cable identification     395       Cable Identification     395     Cable identification     395       Cable Identification     395     Cable identification     395       Cable Identification     Gaya     Type of Carlifoate     CuRus       Amount stranding     1     Stranding (type 2)     1       Stranding (type 2)     12 wires around Stranding combination twisted     wite, red, pink, gray, yellow, green, white, brown-green, (brown-gray, gray-white, brown-yellow, yellow-white, white, red, pink, gray, yellow, green, white, brown-green, (brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white, brown-green, (brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white, brown-green, (brown-gray, gray-white, brown-yello		name retardant
Mechanical Ala   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature range     depending on cable quality       Installation   Cable     Installation   Cable     Installation   Cable     Installation   Cable       STOOW style jacket     Hybrid, Signal, Power     Installation   Cable     Installation   Cable       Stool (Cable Identification     395     Installation   Cable     Installation   Cable       Stool (Style jacket     Hybrid, Signal, Power     Installation   Cable     Installation   Cable       Stool (Style jacket     Hybrid, Signal, Power     Installation   Cable     Installation   Cable       Stool (Style jacket     Hybrid, Signal, Power     Installation   Cable     Installation   Cable       Stool (Style jacket     Hybrid, Signal, Power     Installation   Cable     Installation   Cable       Stool (Style jacket     Hybrid, Signal, Power     Installation   Cable     Installation   Cable       Store (Style (St	Mechanical data   Material data	
Mounting method     Schraubgewinde       Environmental characteristics   Climatic     C       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable        STOOW style jacket     Hybrid, Signal, Power       Cable identification     395       Cable identification     1       Stranding     1       Stranding     6 wires around Core filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     12 wires around Stranding combination twisted       wire arrangement     black, violet, gray-pink, red-blue, green-white, brown-green, (brown-gray, gray-white, brown-yellow, yellow-white, etca jik, gray, yellow, green, white, brown, blue)       Cable weigth     154 g/m       Material jacket     PUR       Shore hardness jacket     87 ± 5 Shore A       Freedom from ingredients (facket))     9.6 mm <tr< td=""><td>Material housing</td><td>Plastic</td></tr<>	Material housing	Plastic
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Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     STOOW style jacket     Hybrid, Signal, Power       Cable identification     395     Cable Type     2       Jacket Color     gray     Type of Certificate     cURus       Amount stranding     1     Stranding     6 wires around Core filler twisted       Amount stranding (type 2)     1     Stranding combination twisted     Stranding       Stranding (type 2)     12 wires around Stranding combination twisted     Stranding (type 2)     12 wires around Stranding combination twisted       Stranding (type 2)     12 wires around Stranding combination twisted     Stranding combination twisted       Stranding (type 2)     12 wires around Stranding combination twisted     Stranding combination twisted       Stranding (type 2)     12 wires around Stranding combination twisted     Stranding combination twisted       Stranding (type 2)     12 wires around Stranding combination twisted     Stranding combination twisted       Stranding (type 2)     12 wires around Stranding combination twisted     Stranding combination twisted       Cable weigth     154 g/m     Stade combination twisted </td <td>Operating temperature min.</td> <td>-20 °C</td>	Operating temperature min.	-20 °C
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Amount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedwire arrangementblack, violet, gray-pink, red-blue, green-white, brown-green, (brown-gray, gray-white, brown-yellow, yellow- white, red, pink, gray, yellow, green, white, brown, blue)Cable weigth154 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16		
Stranding (type 2)12 wires around Stranding combination twistedwire arrangementblack, violet, gray-pink, red-blue, green-white, brown-green, (brown-gray, gray-white, brown-yellow, yellow- white, red, pink, gray, yellow, green, white, brown, blue)Cable weigth154 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16		
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Material jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16		black, violet, gray-pink, red-blue, green-white, brown-green, (brown-gray, gray-white, brown-yellow, yellow- white, red, pink, gray, yellow, green, white, brown, blue)
Shore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16	Cable weigth	154 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)9,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16	Material jacket	PUR
Outer-diameter (jacket)9,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Amount wires   16	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16	Outer-diameter (jacket)	9,6 mm
Color (inner jacket) gray   Material wire insulation PVC   Amount wires 16	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation PVC   Amount wires 16	Material inner jacket	PVC
Amount wires 16	Color (inner jacket)	gray
	Material wire insulation	PVC
Outer diameter insulation 1,3 mm		
	Amount wires	16

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Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	2
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation	
(Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	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
Loop resistance	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	10
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	Α
No. of poles	4
PIN 1	+
PIN 2	\$2

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PIN 3 PIN 4

S 1

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