

MVP12, 4XM12, 4POLE, PLUGGABLE CABLE

5.0m PUR/PVC 8x0,34+5x0,75, w/o LED's

4-way, 5-pole PUR/PVC 5.0 m

Potential separation as option

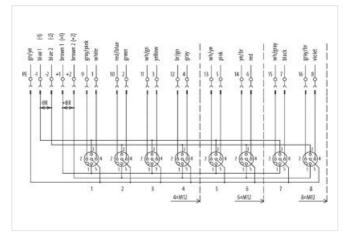
Further cable lengths on request.

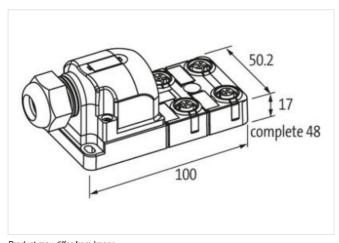
Plastic housings with good resistance against chemicals and oils.

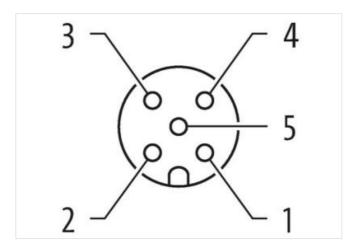
Link to Product

Illustration









Product may differ from Image





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



stay connected

ECLASS-8.0	27279219
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85369010
GTIN	4048879061650
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Total current at 1 time current feed-in max.	8 A
Total current at 2 times current feed-in max.	16 A
Industrial communication	
Number of signals per port	2
Installation Connection	
Mounting set	M12 x 1
-	WILA I
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	screwed, mounted
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Height	99,2 mm
Width	50,2 mm
Depth	17,2 mm
Environmental characteristics Climatic	
	00.00
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Installation Cable	
Cable identification	374
Cable Type	2
STOOW style jacket	Hybrid, Signal, Power
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding (Associated Stranding Control of Strandin	4 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
wire arrangement	gray-pink, white, red-blue, green, (green-yellow, brown 1, blue 1, brown 2, blue 2, green-white, yellow, brown-green, gray)
Cable weigth	140,94 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	9,2 mm
Tolerance outer diameter (sheath)	± 5 %



stay connected

Material inner jacket	PVC
Color (inner jacket)	
Material wire insulation	gray PVC
Amount wires	8
Outer diameter insulation	1,3 mm
Outer diameter insulation 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
	5 m @ 25 °C horizontal
Traversing distance (C-track) Amount strands (wire)	19
. , ,	0.15 mm
Diameter of single wires	0.34 mm ²
Conductor crosssection (wire)	*
Material conductor wire	Stranded copper wire, bare Strand class 5
Conductor type (wire)	
Travel speed (C-track)	5 PVC
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
Printing colour wire insulation (Power)	white (isolation blue), white (isolation brown)
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm ²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Max. rated voltage (conductor - conductor)	300 V
• •	300 V
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - ground) Loop resistance	300 V 7,8 A
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard)	300 V 7,8 A to DIN VDE 0298-4
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire	300 V 7,8 A to DIN VDE 0298-4 4 A
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power)	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static)	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed)	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing Good, application-related testing
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Gasoline resistance Bending radius (fixed)	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing To x Outer diameter 10 x Outer diameter
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track)	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing To x Outer diameter 10 x Outer diameter
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing In X Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C
Max. rated voltage (conductor - ground) Loop resistance Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) Travel speed (C-track) Connection type 2 Family construction form	300 V 7,8 A to DIN VDE 0298-4 4 A 57 Ω/km @ 20 °C 26 Ω/km @20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C



Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE