

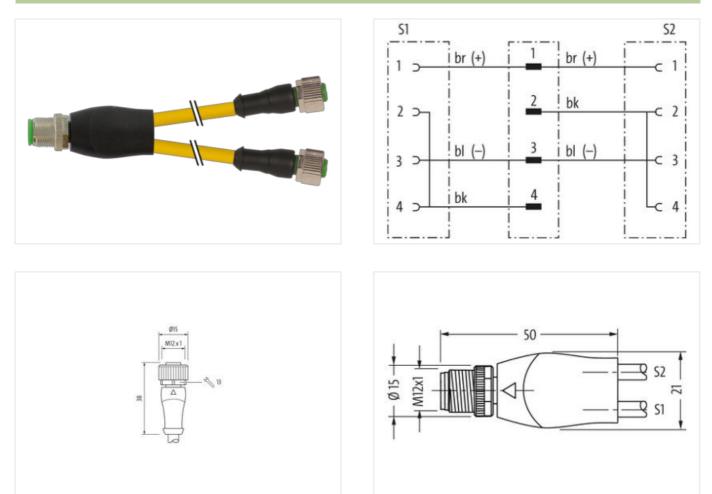
## Y-Distributor M12 male / M12 female 0° A-cod.

PUR 3x0.34 ye UL/CSA+drag ch. 0.6m

Y-connector M12 – M12, 4-pole Male straight – females straight bridged Art-No. 7005 - M12 Lite - (plastic hexagonal screw) 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. Further cable lengths on request.

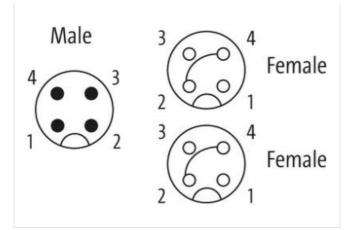
## Link to Product

Illustration



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Product may differ from Image



Side 1           Tightening torque         0.6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal 0)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2	Cable length	0,6 m
Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 × 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66, IP66K, IP67           Side 2	Side 1	
Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Tightening torque           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Thread           Family construction form         M12           Coding         A           Coding         A           Coding         A           Coding         A           Coding         A           Codedita	Tightening torque	0,6 Nm
Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Tightening torque         0.6 Nm           Mounting method         inserted, screwed         Family construction form         M12           Thread         M12 x 1         Coding         A           Coding         A         Material         PUR           Width across flats         SW13         SW13         Coding           Degree of protection form         M12 x 1         Coding         A           Material         PUR         Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67         Side 3           Family construction form         M12         Side 3         SW13           Coding         A         A         Side 3         SU13           EctLASS-6.0         27279218         EctLASS-7.0         27279218           EctLASS-7.0         27279218         EctLASS-9.0         27060313           EctLASS-10.1         27060313         EctLASS-11.1         27060313 <tr< td=""><td>Family construction form</td><td>M12</td></tr<>	Family construction form	M12
Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2	Thread	M12 x 1
Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Tightening torque         0.6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW13           Coding         A	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Image: Comparison of the state of	Coding	A
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Tightening torque         0,6 Nm           Mounting method         inserted, screwed         Family construction form         M12           Thread         M12 x 1         Coding         A           Material         PUR         Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66, IP66K, IP67         Side 3           Side 3         Commercial data         M12           Coding         A         Coding         A           Coding         A         Coding         <	Material	PUR
Side 2           Tightening torque         0.6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Family construction form         M12           Coding         A           Coding         A           Side 3         SU3           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Substruction form           Coding         A           Commercial data         ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0	Width across flats	SW13
Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3	Side 2	
Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3	Tightening torque	0,6 Nm
Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3	Mounting method	inserted, screwed
Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Tamily construction form         M12           Coding         A           Coding         A           Coding         A           Coding         A           Coding         Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Family construction form	M12
Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         IP65, IP66K, IP67           Family construction form         M12           Coding         A           Commercial data         IP279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Thread	M12 x 1
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         IP65, IP66K, IP67           Family construction form         M12           Coding         A           Commercial data         IP279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Coding	A
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         M12           Family construction form         M12           Coding         A           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Material	PUR
Side 3           Family construction form         M12           Coding         A           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Width across flats	SW13
Family construction form         M12           Coding         A           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coding         A           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Side 3	
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Family construction form	M12
ECLASS-6.0       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313	Coding	A
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	Commercial data	
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	ECLASS-6.0	27279218
ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	ECLASS-7.0	27279218
ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313	ECLASS-8.0	27279218
ECLASS-11.1         27060313           ECLASS-12.0         27060313	ECLASS-9.0	27060311
ECLASS-12.0 27060313	ECLASS-10.1	27060313
	ECLASS-11.1	27060313
ETIM-5.0 EC001855	ECLASS-12.0	27060313
	ETIM-5.0	EC001855

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customs tariff number	85444290
GTIN	4048879157230
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	1
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
· · · ·	
Operating temperature min.	-25 °C
Operating temperature may	
Operating temperature max.	85 °C
Additional condition temperature range	85 °C depending on cable quality
Additional condition temperature range Conformity	depending on cable quality
Additional condition temperature range Conformity Product standard	
Additional condition temperature range Conformity	depending on cable quality
Additional condition temperature range Conformity Product standard Installation   Cable Cable identification	depending on cable quality
Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type	depending on cable quality DIN EN 61076-2-101 (M12) 033 3
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color	depending on cable quality DIN EN 61076-2-101 (M12) 033 3 yellow
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate	depending on cable quality DIN EN 61076-2-101 (M12) 033 3 yellow cURus
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding	depending on cable quality DIN EN 61076-2-101 (M12) 033 3 yellow CURus 1
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding	depending on cable quality DIN EN 61076-2-101 (M12) 033 3 yellow cURus 1 3 wires twisted
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement	depending on cable quality DIN EN 61076-2-101 (M12) 033 033 3 yellow cURus 1 3 wires twisted brown, black, blue
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)	depending on cable quality DIN EN 61076-2-101 (M12) 033 3 yellow cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth	depending on cable quality DIN EN 61076-2-101 (M12) 033 3 yellow cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket	depending on cable quality DIN EN 61076-2-101 (M12) 033 3 yellow cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 29,7 g/m PUR
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket	depending on cable quality         DIN EN 61076-2-101 (M12)         033         3         yellow         cURus         1         3 wires twisted         brown, black, blue         10 Mio. @ 25 °C         29,7 g/m         PUR         90 ± 5 Shore A
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)	depending on cable quality         DIN EN 61076-2-101 (M12)         033         3         yellow         cURus         1         3 wires twisted         brown, black, blue         10 Mio. @ 25 °C         29,7 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	depending on cable quality         DIN EN 61076-2-101 (M12)         033         3         yellow         cURus         1         3 wires twisted         brown, black, blue         10 Mio. @ 25 °C         29,7 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,1 mm
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	depending on cable quality         DIN EN 61076-2-101 (M12)         033         3         yellow         cURus         1         3 wires twisted         brown, black, blue         10 Mio. @ 25 °C         29,7 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,1 mm         ± 5 %
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation	depending on cable quality         DIN EN 61076-2-101 (M12)         033         3         yellow         cURus         1         3 wires twisted         brown, black, blue         10 Mio. @ 25 °C         29,7 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,1 mm         ± 5 %         PP
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires	depending on cable quality         DIN EN 61076-2-101 (M12)         033         3         yellow         cURus         1         3 wires twisted         brown, black, blue         10 Mio. @ 25 °C         29,7 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,1 mm         ± 5 %         PP         3
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         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	depending on cable quality         DIN EN 61076-2-101 (M12)         033         3         yellow         cURus         1         3 wires twisted         brown, black, blue         10 Mio. @ 25 °C         29,7 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,1 mm         ± 5 %         PP         3         1,25 mm
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         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         Quter diameter tolerance core insulation	depending on cable quality         DIN EN 61076-2-101 (M12)         033         3         yellow         cURus         1         3 wires twisted         brown, black, blue         10 Mio. @ 25 °C         29,7 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,1 mm         ± 5 %         PP         3         1,25 mm         ± 5 %
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         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	depending on cable quality         DIN EN 61076-2-101 (M12)         033         3         yellow         cURus         1         3 wires twisted         brown, black, blue         10 Mio. @ 25 °C         29,7 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         4,1 mm         ± 5 %         PP         3         1,25 mm

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Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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