

## Valve plug MDC06-4s / M12 female 0° Xtreme

PUR 4x0.75 bk UL/CSA+drag ch. 1.5m

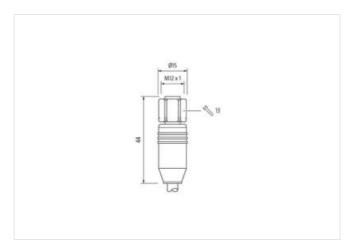
Xtreme - Outdoor Female straight – male straight Stainless steel 1.4305 (V2A/M12) 6...230 V AC/DC 4-pole without components compatibel to Deutsch DT06-4S Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

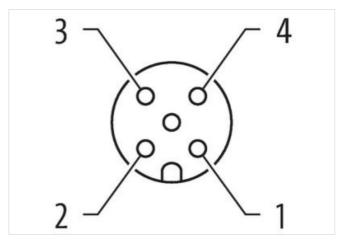
## Link to Product

Illustration



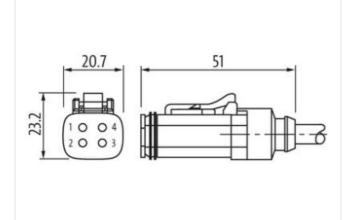
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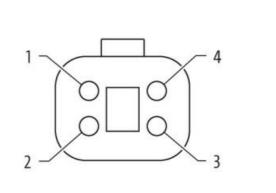




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Product may differ from Image

Cable length1,5 mSideSideSideSideSideCaling contact0,6 NmCaning contact001 platedFamily construction formM12 xChrondM12 x 1CodingAMaterialCopper alloyMaterialOpper alloyMaterial904 PNo. of poles4Begree of protection (EN IEC 60528)1965, IP68 ADegree of protection (EN IEC 60528)1965, IP68 AStoreVTightening torque0,6 NmMounting methodinserted, screwedCacing construction formAmphenol AT06-48TinteadM12 x 1MaterialPAStoreVECLASS-6.02779218Colass-7.02779218ECLASS-7.02779218ECLASS-6.02779218ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027600312ECLASS-6.027		
Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Coaling contact         gold plated           Family construction form         M12           Thread         M12 x 1           Coding         A           Material contact         Coopor alloy           Material contact         Coopor alloy           Material contact         Coopor alloy           Material contact         Support alloy           Degree of protection (EN IEC 60529)         IPSEs, IPSER, IPSE           Side 2         Tightening torque         0.6 Nm           Mounting method         inseled, screwed         Coating contact           Coating contact         inickel plated         Family construction form           Material         PA         No. of poles         4           Degree of protecton (EN IEC 60529)         IPSE         ECLASS-0.         27279218           ECLASS-0         27279218         ECLASS-10.1         27060312	Cable length	1,5 m
Moniting method         inserted, screwed           Coating contact         gold pited           Family construction form         M12           Thread         M12x1           Coding         A           Material contact         Copper alloy           Material         PUR           No. of poles         4           Width across fitats         SW14           Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2         T           Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Coating contact         nickel plated           Family construction form         Amphenol AT06.4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Conting contact         nickel plated           Family construction form         Amphenol AT06.4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Contact         27279218           E	Side 1	
Coaling contact         gold plated           Family construction form         M12           Thread         M12 x 1           Coding         A           Material contact         Copper alloy           Material contact         PUR           No. of poles         4           Witch across flats         SW14           Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2         T           Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Coaling constact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Coaling construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Coalings contact         27279218           ECLASS-8.0         27279218           ECLASS-1.0         27060312           EITM	Tightening torque	0,6 Nm
Family construction form         M12           Thread         M12 x 1           Coding         A           Material contact         Copper alloy           Material contact         Copper alloy           Material PUR         No. of poles           No. of poles         4           Width across flats         SW14           Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2         T           Tightening torque         0,6 Nm           Mounting method         Inserted, screwed           Coating contact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1	Mounting method	inserted, screwed
Thread         M12 x 1           Coding         A           Material contact         Copper alloy           Material         PUR           No. of poles         4           Width across flats         SW14           Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2         Tightening torque           Tightening torque         0.6 Nm           Mounting method         inserted, screwed           Coaling contact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Cotass-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         ECO01865           oustoms tariff number	Coating contact	gold plated
Coding         A           Material contact         Copper alloy           Material         PUR           No. of poles         4           Width across flats         SW14           Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2         T           Tightening torque         0.6 Nm           Mounting method         inserted, scrowed           Coating contact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0.1         27060312           ECLASS-8.0.1         27060312           ECLASS-8.0         ECLASS-8.0           ECLASS-8.0         ECO01855           customs tariff number         8544290           GTIN         404897757263           Packaging unit         1           Electricat latal Supply	Family construction form	M12
Material         Copper alloy           Material         PUR           No. of poles         4           Width across flats         SW14           Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2            Tightening torque         0,6 Nm           Mounting method         Inserted, screwed           Coating contact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         PZ79218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs fauff number         85444290           GTIN         404087757263           Packaging unit         1           Electrical data I Supply         0           Operating voltage AC min.	Thread	M12 x 1
Material         PUR           No. of poles         4           Width across flats         SW14           Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2         Tightening torque         0,6 Nm           Mounting method         inserted, screwed         Coating contact         nickel plated           Family construction form         Amphenol AT06-4S         Timead         M12 x 1           Material         PA         PA         Pagee of protection (EN IEC 60529)         IP68           Commercial data         PA         PA         Pagee of protection (EN IEC 60529)         IP68           Commercial data         PA         PA (PA (PA (PA (PA (PA (PA (PA	Coding	A
No. of poles         4           Width across flats         SW14           Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2         Person (EN IEC 60529)           Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Coating contact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ETIM-5.0         ECO11855           customs tariff number         85442290           GTIN	Material contact	Copper alloy
Width across flats         SW14           Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2         IP65, IP66K, IP68           Mounting method         inserted, screwed           Coating contact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           custos tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         0perating voltage AC min.	Material	PUR
Degree of protection (EN IEC 60529)         IP65, IP66K, IP68           Side 2           Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Coating contact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         Z1779218           ECLASS-6.0         Z1779218           ECLASS-9.0         Z1779218           ECLASS-9.0         Z779218           ECLASS-9.0         Z7060312           ECLASS-9.0         Z7060312           ECLASS-10.1         Z7060312           ECLASS-12.0         Z7060312           ECLASS-12.0         Z7060312           ECLASS-12.0         Z7060312           ECLASS-12.0         Z7060312           ETIM-5.0         ECO101855           Oustartiff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         Operating voltage AC min.         6 V <td>No. of poles</td> <td>4</td>	No. of poles	4
Side 2Tightening torque0.6 NmMounting methodinserted, screwedCoating contactnickel platedFamily construction formAmphenol AT06-4SThreadM12 x 1MaterialPANo. of poles4Degree of protection (EN IEC 60529)IP68Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-9.027060312ECLASS-10.127060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-13.027060312ECLASS-14.027060312ECLASS-15.027060312ECLASS-15.027060312ECLASS-15.027060312ECLASS-15.027060312ECLASS-15.027060312ECLASS-15.027060312ECLASS-15.027060312ECLASS-15.027060312ECLASS-15.027060312ECLASS-15.027060312ETIM-5.0EC001855customs tariff number85444290GTIN4048879757263Packaging unit1Etertical data   SupplyOperating voltage AC min.6 V	Width across flats	SW14
Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Coating contact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27260311           ECLASS-7.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         0           Operating voltage AC min.         6 V	Degree of protection (EN IEC 60529)	IP65, IP66K, IP68
Nounting methodinserted, screwedCoating contactnickel platedFamily construction formAmphenol AT06-4SThreadM12 x 1MaterialPANo. of poles4Degree of protection (EN IEC 60529)IP68Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ETIM-5.0EC001855customs tariff number85444290GTIN4048879757263Packaging unit1Electrical data [SupplyOperating voltage AC min.6 V	Side 2	
Coating contact         nickel plated           Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply           Operating voltage AC min.         6 V	Tightening torque	0,6 Nm
Family construction form         Amphenol AT06-4S           Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         0           Operating voltage AC min.         6 V	Mounting method	inserted, screwed
Thread         M12 x 1           Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         0           Operating voltage AC min.         6 V	Coating contact	nickel plated
Material         PA           No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         0           Operating voltage AC min.         6 V	Family construction form	Amphenol AT06-4S
No. of poles         4           Degree of protection (EN IEC 60529)         IP68           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         0           Operating voltage AC min.         6 V	Thread	M12 x 1
Degree of protection (EN IEC 60529)         IP68           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         6 V	Material	PA
Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060312           ECLASS 1.1         27060312           ECLASS 1.2.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         6 V	No. of poles	4
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         6 V	Degree of protection (EN IEC 60529)	IP68
ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060312         ECLASS-11.1       27060312         ECLASS-12.0       27060312         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879757263         Packaging unit       1         Electrical data   Supply         Operating voltage AC min.       6 V	Commercial data	
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         6 V	ECLASS-6.0	27279218
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ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         6 V	ECLASS-8.0	27279218
ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         GV	ECLASS-9.0	27060311
ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879757263           Packaging unit         1           Electrical data   Supply         6 V	ECLASS-10.1	27060312
ETIM-5.0EC001855customs tariff number85444290GTIN4048879757263Packaging unit1Electrical data   SupplyOperating voltage AC min.6 V	ECLASS-11.1	27060312
customs tariff number     85444290       GTIN     4048879757263       Packaging unit     1       Electrical data   Supply       Operating voltage AC min.     6 V	ECLASS-12.0	27060312
GTIN     4048879757263       Packaging unit     1       Electrical data   Supply        Operating voltage AC min.     6 V	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Supply       Operating voltage AC min.     6 V	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC min.     6 V	GTIN	4048879757263
Operating voltage AC min. 6 V	Packaging unit	1
	Electrical data   Supply	
Operating voltage AC max. 230 V	Operating voltage AC min.	6 V
	Operating voltage AC max.	230 V

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Operating voltage DC min.	6 V
Operating voltage DC max.	230 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection   Electrical	
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	
Additional suppressor	without components
Mechanical data   Material data	
Material gasket	Silicon
Locking material	Stainless steel 1.4305 (V2A)
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Looking techniques	Snap-in connector
Environmental characteristics   Climatic	•
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
wire arrangement	brown, black, blue, white
Cable identification	569
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	62,7 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,85 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare

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Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
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 bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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