



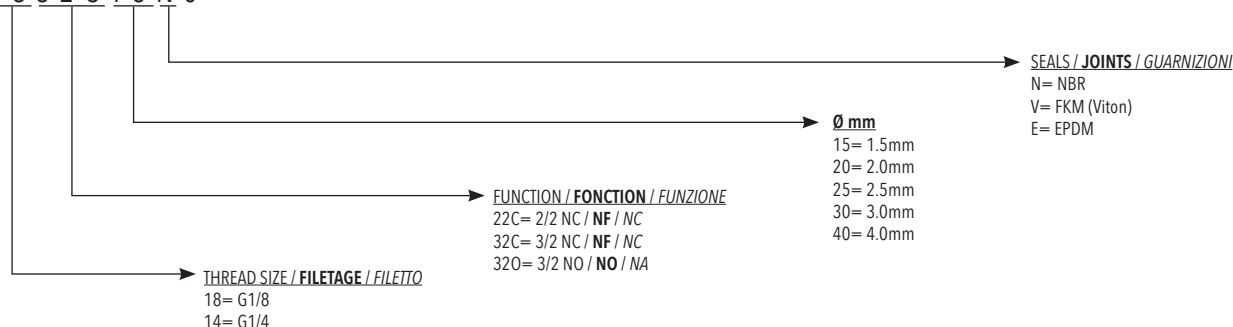
VXD direct electrovalves, are particularly suitable to control water, air, inert gas, steam and for all fluids in general (not aggressive).
 The extremely compact stainless steel body, gives to them the possibility to be used in very small places.
 They're available in different versions as 2/2, 3/2 NC and NO and with NBR, Viton or EPDM seals.

Les électrovannes de la série VXD à commande directe sont particulièrement appropriées pour contrôler l'eau, l'air, le gaz inerte, la vapeur d'eau et tous les fluides généralement non agressifs. Le corps en acier inoxydable est compact et permet une utilisation dans des espaces confinés. Plusieurs versions sont disponibles comme 2/2, 3/2 NF et NO et joints en NBR, Viton ou EPDM.

Le elettrovalvole della serie VXD a comando diretto sono particolarmente indicate per il controllo di acqua, aria, gas inerti, vapore e in generale di fluidi non aggressivi. Il corpo in acciaio inossidabile estremamente compatto ne permettono l'utilizzo in spazi molto ristretti. Sono disponibili diverse versioni tra cui 2/2 e 3/2 NC e NA e guarnizioni in NBR, Viton e EPDM.

ORDERING CODE / CODIFICATION / CHIAVE DI CODIFICA

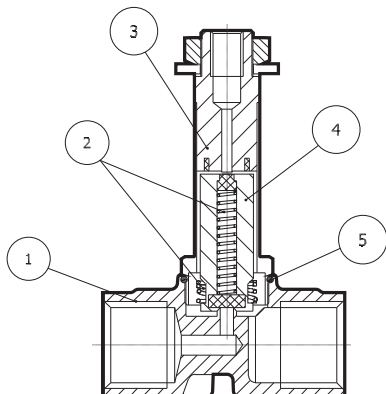
V X D 1 8 3 2 C 1 5 N 0



TECHNICAL CHARACTERISTICS / CARACTÉRISTIQUES TECHNIQUES / CARATTERISTICHE TECNICHE

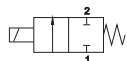
Max. allowable pressure / Pression de service max. / Pressione massima ammissibile	40 bar		
Temperature range / Température d'utilisation / Temperatura di utilizzo	NBR	-10°C / +90°C	Air, inert gas, water max 75 °C, mineral oils, gas oil, fuel oils Air, gas neutres, eau max. 75°C, huiles minerales, diesel, mazout <i>Aria, gas inerti, acqua max 75 °C, oli minerali, gasolio, oli combustibili</i>
	FKM	-10°C / +140°C	Mineral oils, gasoline, gas oil, fuel oils Huiles minerales, essence, mazout <i>Oli minerali, benzina, oli combustibili</i>
	EPDM	-10°C / +140°C	Hot water, steam (max pressure 2.5 bar) Eau chaude, vapeur (Pression de service max 2.5bar) <i>Acqua calda, vapore (pressione max 2.5 bar)</i>

COMPONENTS / COMPOSANTS / COMPONENTI



N.	DESCRIPTION / DESCRIPTION / DESCRIZIONE	MATERIAL / MATIÈRE / MATERIALE
1	Body / Corps / Corpo	Stainless Steel AISI 316L / Acier inox AISI 316L / Acciaio inox AISI 316L
2	Springs / Ressort / Molle	Stainless Steel / Acier inox / Acciaio inox
3	Armature tube / Tube de pilotage / Tubo guida	Stainless Steel / Acier inox / Acciaio inox
4	Core / Noyau / Nucleo	Stainless Steel / Acier inox / Acciaio inox
5	Seals / Joints / Guarnizioni	NBR - EPDM - FKM

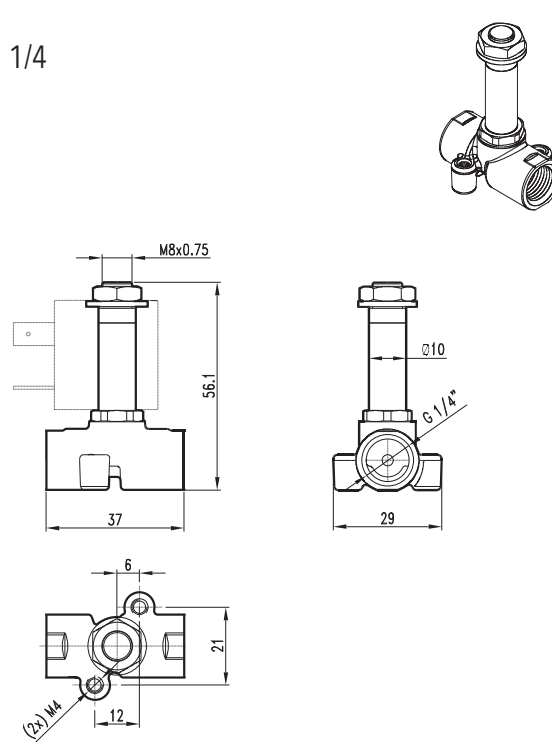
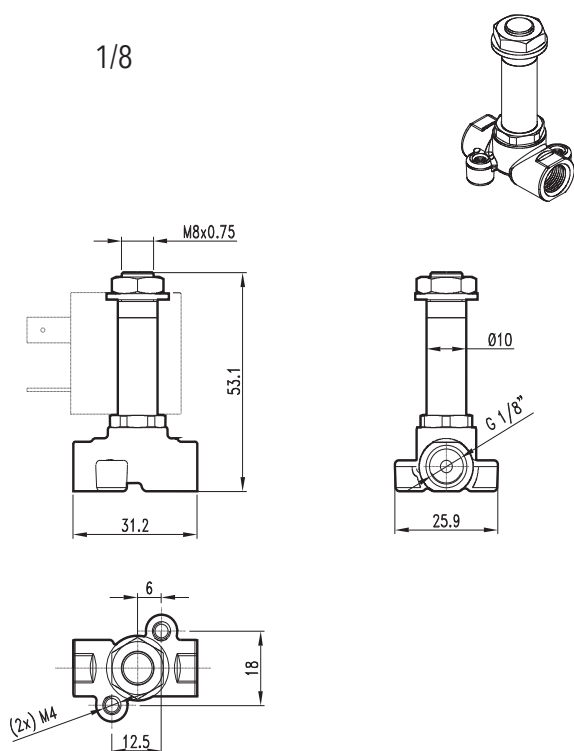
2/2 NC / NF / NC



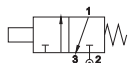
Code Code Codice	Seals Joints Guarnizioni	Thread size Filetage Filetto	Ø mm	Viscosity (Max cSt) Viscosité (Max cSt) Viscosità (Max cSt)	Kv m³/h	Power / Puissance Potenza		ΔP [bar]	
						DC (W)	AC (VA)	min	max
VXD1822C15N	NBR	1/8	1,5	25	0.06	6.5	-	0	21.1
VXD1822C15V	FKM					8	-	0	40
VXD1822C15E	EPDM					-	7.5	0	26
VXD1822C20N	NBR	1/8	2	37	0.09	6.5	-	0	11
VXD1822C20V	FKM					8	-	0	28.7
VXD1822C20E	EPDM					-	7.5	0	13.6
VXD1822C25N	NBR	1/8	2,5	53	0.15	6.5	-	0	32.3
VXD1822C25V	FKM					8	-	0	3.7
VXD1822C25E	EPDM					-	7.5	0	11
VXD1822C30N	NBR	1/8	3	53	0.20	6.5	-	0	16.4
VXD1822C30V	FKM					8	-	0	1.7
VXD1822C30E	EPDM					-	7.5	0	6.2
VXD1822C40N	NBR	1/8	4	53	0.30	6.5	-	0	3.6
VXD1822C40V	FKM					8	-	0	9.8
VXD1822C40E	EPDM					-	7.5	0	1
VXD1422C15N	NBR	1/4	1,5	25	0.06	6.5	-	0	2.2
VXD1422C15V	FKM					8	-	0	40
VXD1422C15E	EPDM					-	7.5	0	26
VXD1422C20N	NBR	1/4	2	37	0.09	6.5	-	0	40
VXD1422C20V	FKM					8	-	0	11
VXD1422C20E	EPDM					-	7.5	0	28.7
VXD1422C25N	NBR	1/4	2,5	53	0.15	6.5	-	0	13.6
VXD1422C25V	FKM					8	-	0	32.3
VXD1422C25E	EPDM					-	7.5	0	3.7
VXD1422C30N	NBR	1/4	3	53	0.20	6.5	-	0	11
VXD1422C30V	FKM					8	-	0	6.1
VXD1422C30E	EPDM					-	7.5	0	16.4
VXD1422C40N	NBR	1/4	4	53	0.30	6.5	-	0	9.8
VXD1422C40V	FKM					8	-	0	1.7
VXD1422C40E	EPDM					-	7.5	0	6.2

Valves / Valves / Valvole

DIRECT ACTING SOLENOID VALVES / ELECTROVANNES A COMMANDE DIRECTE / ELETTROVALVOLE AD AZIONAMENTO DIRETTO



3/2 NC / NF / NC

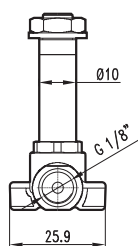
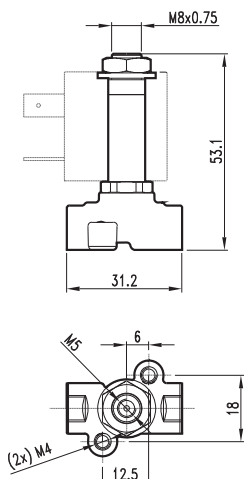
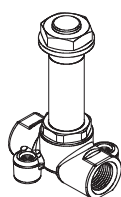


Code Code Codice	Seals Joints Guarnizioni	Thread size Filetage Filetto	Ø mm		Viscosity (Max cSt) Viscosité (Max cSt) Viscosità (Max cSt)	Kv m³/h		Power / Puissance Potenza		ΔP [bar]	
			IN	EXH		IN	EXH	DC (W)	AC (VA)	min	max
VXD1832C15N	NBR	1/8	1.5	1.4	25	0.06	0.05	6.5	-	0	13.5
VXD1832C15V	FKM							8	-	0	13.5
VXD1832C15E	EPDM							-	7.5	0	13.5
VXD1832C20N	NBR	1/8	2.0	1.4	37	0.09	0.05	6.5	-	0	8
VXD1832C20V	FKM							8	-	0	8
VXD1832C20E	EPDM							-	7.5	0	8
VXD1832C25N	NBR	1/8	2.5	1.4	53	0.15	0.05	6.5	-	0.2	5
VXD1832C25V	FKM							8	-	0	5
VXD1832C25E	EPDM							-	7.5	0	5
VXD1832C30N	NBR	1/8	3.0	1.4	53	0.20	0.05	6.5	-	0.8	3.5
VXD1832C30V	FKM							8	-	0	3.5
VXD1832C30E	EPDM							-	7.5	0	3.5
VXD1832C40N	NBR	1/8	4.0	1.4	53	0.30	0.05	6.5	-	0.7	2
VXD1832C40V	FKM							8	-	0	2
VXD1832C40E	EPDM							-	7.5	0	2
VXD1432C15N	NBR	1/4	1.5	1.4	25	0.06	0.05	6.5	-	0	13.5
VXD1432C15V	FKM							8	-	0	13.5
VXD1432C15E	EPDM							-	7.5	0	13.5
VXD1432C20N	NBR	1/4	2.0	1.4	37	0.09	0.05	6.5	-	0	8
VXD1432C20V	FKM							8	-	0	8
VXD1432C20E	EPDM							-	7.5	0	8
VXD1432C25N	NBR	1/4	2.5	1.4	53	0.15	0.05	6.5	-	0.2	5
VXD1432C25V	FKM							8	-	0	5
VXD1432C25E	EPDM							-	7.5	0	5
VXD1432C30N	NBR	1/4	3.0	1.4	53	0.20	0.05	6.5	-	0.8	3.5
VXD1432C30V	FKM							8	-	0	3.5
VXD1432C30E	EPDM							-	7.5	0	3.5
VXD1432C40N	NBR	1/4	4.0	1.4	53	0.30	0.05	6.5	-	0.7	2
VXD1432C40V	FKM							8	-	0	2
VXD1432C40E	EPDM							-	7.5	0	2

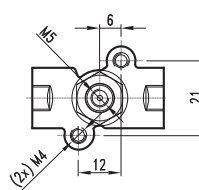
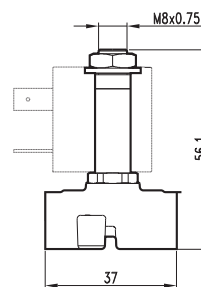
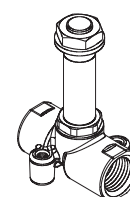
Valves / Valves / Valvole

DIRECT ACTING SOLENOID VALVES / ÉLECTROVANNES A COMMANDE DIRECTE / ELETTROVALVOLE AD AZIONAMENTO DIRETTO

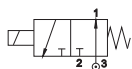
1/8



1/4



3/2 NO / NO / NA

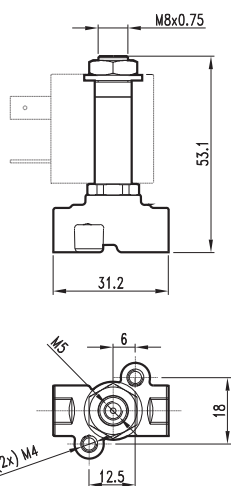
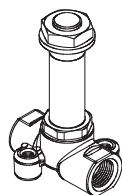


Code Code Codice	Seals Joints Guarnizioni	Thread size Filetage Filetto	Ø mm		Viscosity (Max cSt) Viscosité (Max cSt) Viscosità (Max cSt)	Kv m³/h		Power / Puissance Potenza		ΔP [bar]	
			IN	EXH		IN	EXH	DC (W)	AC (VA)	min	max
VXD1832015N	NBR	1/8	1.4	1.5	25	0.05	0.06	6.5	-	0	5.5
VXD1832015V	FKM							8	-	0	8.5
VXD1832015E	EPDM							-	7.5	0	7.5
VXD1832020N	NBR	1/8	1.4	2.0	37	0.05	0.09	6.5	-	0	5.5
VXD1832020V	FKM							8	-	0	8.5
VXD1832020E	EPDM							-	7.5	0	7.5
VXD1832025N	NBR	1/8	1.4	2.5	53	0.05	0.15	6.5	-	0	4
VXD1832025V	FKM							8	-	0	7
VXD1832025E	EPDM							-	7.5	0	6.5
VXD1432015N	NBR	1/4	1.4	1.5	25	0.05	0.06	6.5	-	0	5.5
VXD1432015V	FKM							8	-	0	8.5
VXD1432015E	EPDM							-	7.5	0	7.5
VXD1432020N	NBR	1/4	1.4	2.0	37	0.05	0.09	6.5	-	0	5.5
VXD1432020V	FKM							8	-	0	8.5
VXD1432020E	EPDM							-	7.5	0	7.5
VXD1432025N	NBR	1/4	1.4	2.5	53	0.05	0.15	6.5	-	0	4
VXD1432025V	FKM							8	-	0	7
VXD1432025E	EPDM							-	7.5	0	6.5
								-	11	0	10.5

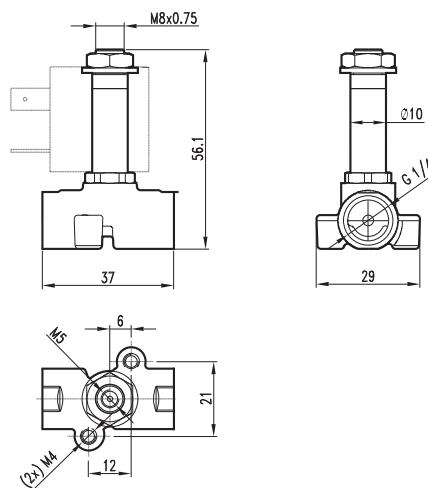
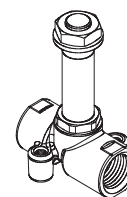
Valves / Valves / Valvole

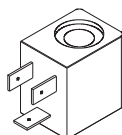
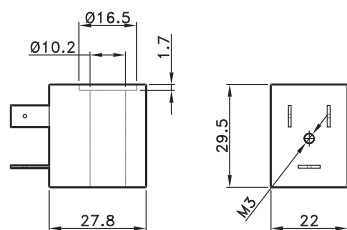
DIRECT ACTING SOLENOID VALVES / ELECTROVANNES A COMMANDE DIRECTE / ELETTROVALVOLE AD AZIONAMENTO DIRETTO

1/8



1/4



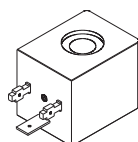
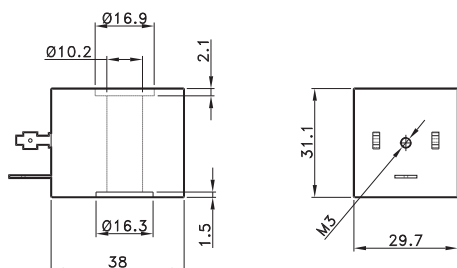


COILS 22 mm
BOBINE 22 mm
BOBINE 22 mm

CODE	Power / Absorption / Assorbimento	
	Tension Tension Tensione	Power Puissance Potenza
BO4051012	12 V DC	6,5 W
BO4051024	24 V DC	6,5 W
BO4052024	24 V AC	7,5 VA
BO4052110	110 VAC	7,5 VA
BO4052220	220 VAC	7,5 VA

TECHNICAL SPECIFICATIONS
CARACTERISTIQUES TECHNIQUES
CARATTERISTICHE TECNICHE

Tension tolerance / Tolérance / Tolleranza di tensione	+10%
Protection with connector / Protection avec connecteur / Protezione con connettore	IP65
Max working temperature / Température max d'utilisation / Temperatura max di esercizio	+ 50°C
Duty cycle / Temps d'enclenchement / Inserimento	ED 100%

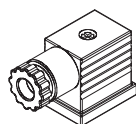
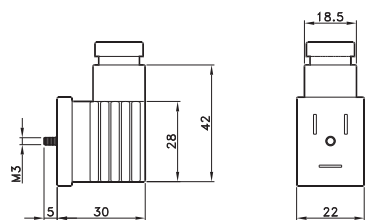


COILS 30 mm
BOBINE 30 mm
BOBINE 30 mm

CODE	Power / Absorption / Assorbimento	
	Tension Tension Tensione	Power Puissance Potenza
BO4061012	12 V DC	8 W
BO4061024	24 V DC	8 W
BO4062024	24 V AC	11 VA
BO4062110	110 VAC	11 VA
BO4062220	220 VAC	11 VA

TECHNICAL SPECIFICATIONS
CARACTERISTIQUES TECHNIQUES
CARATTERISTICHE TECNICHE

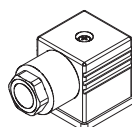
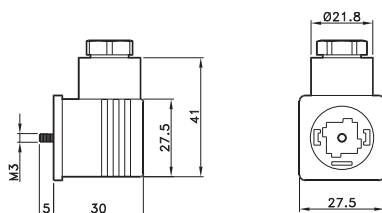
Tension tolerance / Tolérance / Tolleranza di tensione	+10%
Protection with connector / Protection avec connecteur / Protezione con connettore	IP65
Max working temperature / Température max d'utilisation / Temperatura max di esercizio	+ 50°C
Duty cycle / Temps d'enclenchement / Inserimento	ED 100%



CONNECTORS 22 mm
CONNECTEUR 22 mm
CONNETTORI 22 mm

CODE
AR40696

Cable diameter / **Diamètre du câble** / Diametro cavo
6÷8 mm (22mm)
8÷11mm (30mm)



CONNECTORS 30 mm
CONNECTEUR 30 mm
CONNETTORI 30 mm

CODE
VX0027

Cable diameter / **Diamètre du câble** / Diametro cavo
6÷8 mm (22mm)
8÷11mm (30mm)

FLUIDS / FLUIDES / FLUIDI	BODY MATERIAL / MATIERE DU CORPS MATERIALE CORPO		SEALS / JOINT / GUARNIZIONI		
	Brass / Laiton / Ottone	AISI316L	NBR	EPDM	FKM
Acetone / Acetone / Acetone	NO	OK	NO	OK	NO
Acetylene / Acétylène / Acetilene	OK	OK	NO	OK	OK
Argon	OK	OK	NO	OK	OK
Benzene / Benzène / Benzene	OK	OK	NO	NO	NO
Butane / Butano / Butane	OK	OK	NO	NO	OK
Carbon dioxide dry (gas) / dioxyde de carbone à sec (gas) / Anidride carbonica (gas)	OK	OK	OK	OK	OK
Carbon dioxide dry (liquid) / dioxyde de carbone à sec (liquide) / Anidride carbonica (liquida)	OK	OK	NO	NO	NO
Carbon disulfide / Disulfure de carbone / Solfuro di carbonio	OK	OK	NO	NO	NO
Chloroform (100%) / Chloroforme / Cloroformio	OK	OK	NO	NO	NO
Diesel fuel	OK	OK	OK	NO	OK
Helium / Hélium / Elio	OK	OK	OK	NO	OK
Ethane / Éthane / Etano	OK	OK	OK	NO	OK
Ethanol / Éthanol / Etanolo	OK	OK	NO	NO	NO
Ethyl acetate / Acétate d'éthyle / Acetato di etile	OK	OK	NO	NO	NO
Ethyl chloride / Chlorure d'éthyle / Cloruro di etile	OK	OK	OK	OK	OK
Ethylene glycol / Éthylène glycol / Glicole etilenico	OK	OK	OK	OK	OK
Formaldehyde (100%) / Formaldéhyde / Formaldeide	OK	OK	NO	OK	NO
Freon	OK	OK	NO	NO	NO
Glycerine / Glycérine / Glicerina	OK	OK	OK	OK	OK
Heptane / Heptane / Eptano	OK	OK	OK	NO	OK
Hexane / Hexane / Esano	OK	OK	OK	NO	OK
Hydrogen / Hydrogène / Idrogeno	OK	OK	OK	OK	OK
Hydrogen peroxide / Peroxyde d'hydrogène / Acqua Ossigenata	NO	OK	NO	NO	OK
Isobutane / Isobutane / Isobutano	OK	OK	OK	NO	OK
Isopentane / Isopentane / Isopentano	OK	OK	OK	NO	OK
Methane / Méthane / Metano	OK	OK	OK	NO	OK
Methanol / Méthanol / Metanolo	OK	OK	OK	OK	NO
Methyl chloride / Chlorométhane / Clorometano	OK	OK	NO	NO	OK
Mineral oil / Huile minérale / Olio minerale	OK	OK	OK	NO	OK
Neon	OK	OK	OK	NO	OK
Nitrobenzene / Nitrobenzène / Nitrobenzene	OK	OK	NO	NO	OK
Nitrogen / Azote / Azoto	OK	OK	OK	OK	OK
Oxygen / Oxygène / Ossigeno	OK	OK	NO	NO	OK
Pentane / Pentane / Pentano	OK	OK	OK	NO	OK
Petrol / Gasolina / Benzina	OK	OK	NO	NO	OK
Propane (LPG) / Propane (GPL) / Propano (GPL)	OK	OK	OK	NO	OK
Propyl Alcohol / Alcool Propylique / Alcool Propilico	OK	OK	OK	OK	OK
Toluene / Toluène / Toluene	OK	OK	NO	NO	OK
Trichlorethylene dry / Trichloréthylène / Trielina	NO	OK	NO	NO	OK
Vinegar / Vinaigre / Aceto	NO	OK	NO	OK	OK
Water demineralized / Eau purifiée / Acqua demineralizzata	OK	OK	OK	OK	OK
Water (Hard) / Eau dure / Acqua dura	OK	OK	OK	OK	OK
Water (Hot <75°C) / Eau chaude / Acqua calda	OK	OK	OK	OK	OK
Water (Hot and steam <140°C) / Vapeur et eau chaude <140° / Vapore e acqua calda <140°	OK	OK	NO	OK	NO
Water with glycol / Eau avec glycol / Acqua con glicole	OK	OK	OK	OK	OK
Xylene / Xylène / Xilene	OK	OK	NO	NO	OK