

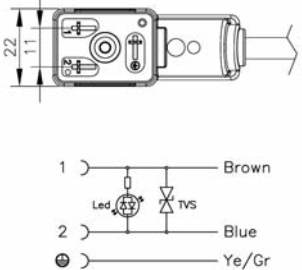
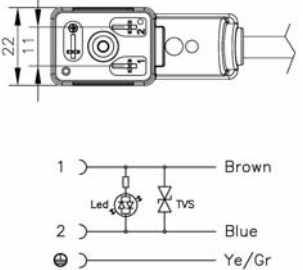


Product description			
Standard		Industrial standard (11 mm)	Industrial standard (11 mm)
Construction type		B	B
Description	Integrated gasket (TPU) and central fixing screw	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (diode)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (diode)
Number of contacts		2 + PE	2 + PE
Cable type		H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC
Conductors specification		3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MB636D54PA05300	MB635D54PA05300
Other standard options	cable length 5m,	order no. MB636D54PA05500	order no. MB635D54PA05500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		6,7 mm	6,7 mm
Cable temperature range	static application flexible application	-15°C to + 70°C	-15°C to + 70°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm	6,3 x 0,8mm
Voltage		24 V DC	24 V DC
Rated current max.		4 A	4 A
Suppressor		diode 1A 1000V	diode 1A 1000V
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable :	2 boxes	MB636D54PA05300	MB635D54PA05300
	4 boxes	MB636D54PA05500	MB635D54PA05500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(A012; A013) (C033; C053)	(A012; A013) (C033; C053)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MB6 series

MOULDED IN CABLE



	Industrial standard (11 mm)	Industrial standard (11 mm)		
	B	B		
	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) TVS protective circuit (transil)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) TVS protective circuit (transil)		
	2 + PE	2 + PE		
	H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC		
	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC		
	3 m	3 m		
	MB636T54PA05300	MB635T54PA05300		
	order no. MB636T54PA05500	order no. MB635T54PA05500		
	black	black		
	brown - blue - yellow/green	brown - blue - yellow/green		
	6,7 mm	6,7 mm		
	-15°C to + 70°C	-15°C to + 70°C		
				
	6,3 x 0,8mm	6,3 x 0,8mm		
	24 V AC/DC	24 V AC/DC		
	4 A	4 A		
	TVS Vbr max.=37,8V Peak =400W	TVS Vbr max.=37,8V Peak =400W		
	yellow	yellow		
	15mΩ max.	15mΩ max.		
	III	III		
	central screw M3 x 28,5mm	central screw M3 x 28,5mm		
	0,3 - 0,5 N/m	0,3 - 0,5 N/m		
	PA6 GF	PA6 GF		
	TPU	TPU		
	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]		
	3	3		
	V0	V0		
	HB	HB		
	100 pieces	100 pieces		
	MB636T54PA05300	MB635T54PA05300		
	MB636T54PA05500	MB635T54PA05500		
	13...15 Kg	13...15 Kg		
	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm		
	(A012; A013) (C033; C053)	(A012; A013) (C033; C053)		

Form B - INDUSTRIAL

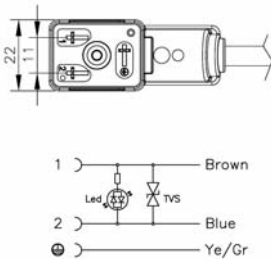
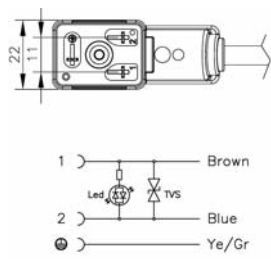


Product description		Industrial standard (11 mm)	Industrial standard (11 mm)
Standard		B	B
Construction type		B	B
Description	Integrated gasket (TPU) and central fixing screw	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (diode)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (diode)
Number of contacts		2 + PE	2 + PE
Cable type		PUR / PVC	PUR / PVC
Conductors specification		3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MB636D54PP12300	MB635D54PP12300
Other standard options	cable length 5m,	order no. MB636D54PP12500	order no. MB635D54PP12500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		6,5 mm	6,5 mm
Cable temperature range	static application	-40°C to + 80°C	-40°C to + 80°C
	flexible application	-25°C to + 80°C	-25°C to + 80°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm	6,3 x 0,8mm
Voltage		24 V DC	24 V DC
Rated current max.		4 A	4 A
Suppressor		diode 1A 1000V	diode 1A 1000V
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes	MB636D54PP12300	MB635D54PP12300
	4 boxes	MB636D54PP12500	MB635D54PP12500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(P113)	(P113)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MB6 series

MOULDED IN CABLE



	Industrial standard (11 mm)	Industrial standard (11 mm)		
	B	B		
	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) TVS protective circuit (transil)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) TVS protective circuit (transil)		
	2 + PE	2 + PE		
	PUR / PVC	PUR / PVC		
	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC		
	3 m	3 m		
	MB636T54PP12300	MB635T54PP12300		
	order no. MB636T54PP12500	order no. MB635T54PP12500		
	black	black		
	brown - blue - yellow/green	brown - blue - yellow/green		
	6,5 mm	6,5 mm		
	-40°C to + 80°C	-40°C to + 80°C		
	-25°C to + 80°C	-25°C to + 80°C		
				
	6,3 x 0,8mm	6,3 x 0,8mm		
	24 V AC/DC	24 V AC/DC		
	4 A	4 A		
	TVS Vbr max.=37,8V Peak =400W	TVS Vbr max.=37,8V Peak =400W		
	yellow	yellow		
	15mΩ max.	15mΩ max.		
	III	III		
	central screw M3 x 28,5mm	central screw M3 x 28,5mm		
	0,3 - 0,5 N/m	0,3 - 0,5 N/m		
	PA6 GF	PA6 GF		
	TPU	TPU		
	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]		
	3	3		
	V0	V0		
	HB	HB		
	100 pieces	100 pieces		
	MB636T54PP12300	MB635T54PP12300		
	MB636T54PP12500	MB635T54PP12500		
	13...15 Kg	13...15 Kg		
	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm		
	(P113)	(P113)		

Form B - INDUSTRIAL



Product description		Industrial standard (11 mm)	Industrial standard (11 mm)
Standard		B	B
Construction type		B	B
Description	Integrated gasket (TPU) and central fixing screw	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (varistor)
Number of contacts		2 + PE	2 + PE
Cable type		H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC
Conductors specification		3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MB636V54PA05300	MB635V54PA05300
Other standard options	cable length 5m,	order no. MB636V54PA05500	order no. MB635V54PA05500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		6,7 mm	6,7 mm
Cable temperature range	static application flexible application	-15°C to + 70°C	-15°C to + 70°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm	6,3 x 0,8mm
Voltage		24 V AC/DC	24 V AC/DC
Rated current max.		5 A	5 A
Suppressor		VDR 30 Vrms 0,9 Joule	VDR 30 Vrms 0,9 Joule
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable :	2 boxes 4 boxes	MB636V54PA05300 MB636V54PA05500	MB635V54PA05300 MB635V54PA05500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(A013) (C033; C053)	(A013) (C033; C053)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MB6 series

MOULDED IN CABLE



Form B - INDUSTRIAL

Industrial standard (11 mm)	Industrial standard (11 mm)	Industrial standard (11 mm)	Industrial standard (11 mm)
B	B	B	B
P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (varistor)	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (varistor)
2 + PE	2 + PE	2 + PE	2 + PE
H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC	H05VV-F VDE 0281-5 PVC
3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
3 m	3 m	3 m	3 m
MB636V55PA05300	MB635V55PA05300	MB636V56PA05300	MB635V56PA05300
order no. MB636V55PA05500	order no. MB635V55PA05500	order no. MB636V56PA05500	order no. MB635V56PA05500
black	black	black	black
brown - blue - yellow/green	brown - blue - yellow/green	brown - blue - yellow/green	brown - blue - yellow/green
6,7 mm	6,7 mm	6,7 mm	6,7 mm
-15°C to + 70°C	-15°C to + 70°C	-15°C to + 70°C	-15°C to + 70°C
6,3 x 0,8mm	6,3 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
115 V AC/DC	115 V AC/DC	230 V AC/DC	230 V AC/DC
5 A	5 A	5 A	5 A
VDR 130 Vrms 4,5 Joule	VDR 130 Vrms 4,5 Joule	VDR 275 Vrms 8,6 Joule	VDR 275 Vrms 8,6 Joule
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm
0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
PA6 GF	PA6 GF	PA6 GF	PA6 GF
TPU	TPU	TPU	TPU
IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
3	3	3	3
V0	V0	V0	V0
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
MB636V55PA05300	MB635V55PA05300	MB636V56PA05300	MB635V56PA05300
MB636V55PA05500	MB635V55PA05500	MB636V56PA05500	MB635V56PA05500
13...15 Kg	13...15 Kg	13...15 Kg	13...15 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
(A013) (C033; C053)	(A013) (C033; C053)	(A013) (C033; C053)	(A013) (C033; C053)



Product description		Industrial standard (11 mm)	Industrial standard (11 mm)
Standard		B	B
Construction type		B	B
Description	Integrated gasket (TPU) and central fixing screw	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (varistor)
Number of contacts		2 + PE	2 + PE
Cable type		PUR / PVC	PUR / PVC
Conductors specification		3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
Cable length		3 m	3 m
Order no.		MB636V54PP12300	MB635V54PP12300
Other standard options	cable length 5m,	order no. MB636V54PP12500	order no. MB635V54PP12500
Cable jacket colour		black	black
Conductor colours		brown - blue - yellow/green	brown - blue - yellow/green
Cable diameter +/-5%		6,7 mm	6,7 mm
Cable temperature range	static application flexible application	-40°C to + 80°C -25°C to + 80°C	-40°C to + 80°C -25°C to + 80°C
Drawing			
Technical data			
Pin dimension		6,3 x 0,8mm	6,3 x 0,8mm
Voltage		24 V AC/DC	24 V AC/DC
Rated current max.		5 A	5 A
Suppressor		VDR 30 Vrms 0,9 Joule	VDR 30 Vrms 0,9 Joule
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
Overvoltage category		III	III
Mounting		central screw M3 x 28,5mm	central screw M3 x 28,5mm
Fixing screw torque		0,3 - 0,5 N/m	0,3 - 0,5 N/m
Material			
Contact holder material		PA6 GF	PA6 GF
Overmoulding material		TPU	TPU
Environmental conditions			
Protection class (EN 60529)		IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
Pollution severity (EN 60664-1)		3	3
Inflammability class			
Contact holder		V0	V0
Moulded housing		HB	HB
Packaging			
Minimum quantity		100 pieces	100 pieces
Number of boxes suitable:	2 boxes 4 boxes	MB636V54PP12300 MB636V54PP12500	MB635V54PP12300 MB635V54PP12500
Approximate weight per box		13...15 Kg	13...15 Kg
Box dimension		39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
Other cable options on request			
type (part number)		(P113)	(P113)
Technical specifications on cables and accessories see pages 171-175			

Valve Connectors MB6 series

MOULDED IN CABLE



Industrial standard (11 mm) B	Industrial standard (11 mm) B	Industrial standard (11 mm) B	Industrial standard (11 mm) B
P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (varistor)	P11 connector with moulded cable (PE) earth in H6 (next to cable outlet) function indicator (LED) protective circuit (varistor)	P11 connector with moulded cable (PE) earth in H12 (opposite from cable outlet) function indicator (LED) protective circuit (varistor)
2 + PE	2 + PE	2 + PE	2 + PE
PUR / PVC	PUR / PVC	PUR / PVC	PUR / PVC
3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC	3 G 0,75 mm ² PVC
3 m	3 m	3 m	3 m
MB636V55PP12300	MB635V55PP12300	MB636V56PP12300	MB635V56PP12300
order no. MB636V55PP12500	order no. MB635V55PP12500	order no. MB636V56PP12500	order no. MB635V56PP12500
black	black	black	black
brown - blue - yellow/green	brown - blue - yellow/green	brown - blue - yellow/green	brown - blue - yellow/green
6,7 mm	6,7 mm	6,7 mm	6,7 mm
-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C
-25°C to + 80°C	-25°C to + 80°C	-25°C to + 80°C	-25°C to + 80°C
6,3 x 0,8mm	6,3 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
115 V AC/DC	115 V AC/DC	230 V AC/DC	230 V AC/DC
5 A	5 A	5 A	5 A
VDR 130 Vrms 4,5 Joule	VDR 130 Vrms 4,5 Joule	VDR 275 Vrms 8,6 Joule	VDR 275 Vrms 8,6 Joule
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm	central screw M3 x 28,5mm
0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m	0,3 - 0,5 N/m
PA6 GF	PA6 GF	PA6 GF	PA6 GF
TPU	TPU	TPU	TPU
IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]	IP65 , IP67 , [IP69K DIN40050-9]
3	3	3	3
V0	V0	V0	V0
HB	HB	HB	HB
100 pieces	100 pieces	100 pieces	100 pieces
MB636V55PP12300	MB635V55PP12300	MB636V56PP12300	MB635V56PP12300
MB636V55PP12500	MB635V55PP12500	MB636V56PP12500	MB635V56PP12500
13...15 Kg	13...15 Kg	13...15 Kg	13...15 Kg
39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm	39 x 39 x 19,5 cm
(P113)	(P113)	(P113)	(P113)

Form B - INDUSTRIAL