### M8 /M12 Junction Box

3AC



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### **M12 Connector Harness N aming**











M	atching cable of junction l	оох <b>алаган</b>	1	(Herr)				
PVC	black3m	M12-F08T06-3.0PVC/BK	M12-F08S06-3.0PVC/BK					
PVC	black5m	M12-F08T06-5.0PVC/BK	M1	12-F08S06-5.0PVC/BK				
PVC	black10m	M12-F08T06-10.0PVC/BK	M1	I2-F08S06-10.0PVC/BK				
PUR	black3m	M12-F08T06-3.0PUR/BK	M1	12-F08S06-3.0PUR/BK				
PUR	black5m	M12-F08T06-5.0PUR/BK	M1	12-F08S06-5.0PUR/BK				
PUR	black10m	M12-F08T06-10.0PUR/BK	M1	12-FS08S06-10.0PUR/BK				
Towchair	n black3m	M12-F08T06-3.0TL/BK	M1	12-F08S06-3.0TL/BK				
Towchaii	n black5m	M12-F08T06-5.0TL/BK	M12-F08S06-5.0TL/BK					
Towchair	n black10m	M12-F08T06-10.0TL/BK	M1	12-F08S06-10.0TL/BK				
	Droduct drowing	Product size	Circuit	Ding Accimpont				
	Product drawing	FIODUCT SIZE	Circuit	Pins Assignment				
		69.90 49.50 77,70 60 77,70 77,70 77,70 77,70	- + 1 2 3 4 BU BN WH GN YE GY	$4 \underbrace{\overset{3}{\underbrace{0}}_{5} \underbrace{\overset{2}{\underbrace{0}}_{6}}_{7} 1}_{5} \underbrace{\overset{4}{\underbrace{0}}_{0}}_{7} 1 1}_{6} \underbrace{\overset{4}{\underbrace{0}}_{0}}_{1} 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 $				
Forn	n		M8-A3-4K3-M12					
Mate	ching cable of junction bo			-				
PVC	black3m	M12-F08T06-3.0PVC/BK	M12-F08S06-3.0P	VC/BK				
PVC	black5m	M12-F08T06-5.0PVC/BK	M12-F08S06-5.0P	VC/BK				
PVC	black10m	M12-F08T06-10.0PVC/BK	M12-F08S06-10.0	PVC/BK				
PUR	black3m	M12-F08T06-3.0PUR/BK	M12-F08S06-3.0P	PUR/BK				
PUR	black5m	M12-F08T06-5.0PUR/BK	M12-F08S06-5.0P	PUR/BK				
PUR	black10m	M12-F08T06-10.0PUR/BK	M12-F08S06-10.0	PUR/BK				
Towchair	n black3m	M12-F08T06-3.0TL/BK	M12-F08S06-3.0T	°L/BK				
Towchair	n black5m	M12-F08T06-5.0TL/BK	M12-F08S06-5.0T					
Towchair	n black10m	M12-F08T06-10.0TL/BK	M12-F08S06-10.0	TL/BK				
	Product drawing	Product	size	Pins Assignment				
	CACACITY CAC	- 105. - <u>35.60</u> 	50 68.50 68.50 68.50 68.50 64.20	3 0 1 PNP 3 0 1 NPN single channel single channe				

M8-A3-8K3P-3.0PVC/GY Circuit M8-A3-8K3N-3.0PVC/GY Circuit PVC M8-A3-8K3N-3.0PVC/GY grey3m M8-A3-8K3P-3.0PVC/GY PVC grey5m M8-A3-8K3P-5.0PVC/GY M8-A3-8K3N-5.0PVC/GY PVC M8-A3-8K3N-10.0PVC/GY grey10m M8-A3-8K3P-10.0PVC/GY PUR M8-A3-8K3N-3.0PUR/GY M8-A3-8K3P-3.0PUR/GY grey3m PUR M8-A3-8K3N-5.0PUR/GY grey5m M8-A3-8K3P-5.0PUR/GY 2 3 PUR grey10m M8-A3-8K3P-10.0PUR/GY M8-A3-8K3N-10.0PUR/GY 6 7 8 5 M8-A3-8K3P-3.0TL/GY M8-A3-8K3N-3.0TL/GY Towchain grey 3m Towchain grey 5m M8-A3-8K3P-5.0TL/GY M8-A3-8K3N-5.0TL/GY Towchain grey10m M8-A3-8K3P-10.0TL/GY M8-A3-8K3N-10.0TL/GY

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Ambient temperature



#### Matching cable of junction box





PVC	grey3m	M23-F19T10-3.0PVC/GY	M23-F19S10-3.0PVC/GY
PVC	grey5m	M23-F19T10-5.0PVC/GY	M23-F19S10-5.0PVC/GY
PVC	grey10m	M23-F19T10-10.0PVC/GY	M23-F19S10-10.0PVC/GY
PUR	grey3m	M23-F19T10-3.0PUR/GY	M23-F19S10-3.0PUR/GY
PUR	grey5m	M23-F19T10-5.0PUR/GY	M23-F19S10-5.0PUR/GY
PUR	grey10m	M23-F19T10-10.0PUR/GY	M23-F19S10-10.0PUR/GY
Towchain	grey3m	M23-F19T10-3.0TL/GY	M23-F19S10-3.0TL/GY
Towchain	grey5m	M23-F19T10-5.0TL/GY	M23-F19S10-5.0TL/GY
Towchain	grey10m	M23-F19T10-10.0TL/GY	M23-F19S10-10.0TL/GY
Length/Ma	terial Could be customized according to c	ifferent enviroment ,like extrame tempreture and	acid/alkali
Rated volta	ge	24 V AC/DC	
Rated curre	ent	2A	
Protection	Class(IEC 60529)	IP67	



-25~+85℃

								C	incun						
PVC	grey3m	M8-A3-12K3P-3.0PVC/GY	_												
PVC	grey5m	M8-A3-12K3P-5.0PVC/GY	BU	BN WH	GN	YE	GY	PK	RD	BK	PL	GY/PK	RD/BU	WH/GN	BN/GN
PVC	grey10m	M8-A3-12K3P-10.0PVC/GY		Ь, "ľ	ц,	ц,	ц	ц Ц	ŧ	ц Ц	ц Ц	ц Ц	т Т	ц Ц	ц Ц
PUR	grey3m	M8-A3-12K3P-3.0PUR/GY			Ď	¥.	Ď	Į.	Ď	ţ	Ď	₹ □	¥.	₹. Ū	¥. Ū
PUR	grey5m	M8-A3-12K3P-5.0PUR/GY			4	4		4	4	4	4	4	4	4	4
PUR	grey10m	M8-A3-12K3P-10.0PUR/GY	_	3		3 1	3	3	3	3	3	3 1	3 1	3	3
Towchain	grey3m	M8-A3-12K3P-3.0TL/GY		1	2	3	4	5	6	7	8	9	10	11	12
Towchain	grey5m	M8-A3-12K3P-5.0TL/GY													
Towchain	grey10m	M8-A3-12K3P-10.0TL/GY													

Product drawing	Product size	Pins Assignment
Charles and the		$3 \xrightarrow{4} \text{ single channel} \\ 1 \xrightarrow{NPN}$
	Circ	uit
PVC grev3m M8		

								C	ncun						
PVC	grey3m	M8-A3-12K3N-3.0PVC/GY													
PVC	grey5m	M8-A3-12K3N-5.0PVC/GY													
PVC	grey10m	M8-A3-12K3N-10.0PVC/GY	+ - BN BU	WH	GN	YE	GY	PK	RD	BK	PL	GY/PK	RD/BU	WH/GN	BN/GN
PUR	grey3m	M8-A3-12K3N-3.0PUR/GY	ΪĹ	Ļ.	Ļ.	Ļ.	Ļ.	Ļ,	Ļ	Ļ,	Ļ,	Ļ.	Ļ,	Ļ	Ļ,
PUR	grey5m	M8-A3-12K3N-5.0PUR/GY			ľ	ľ	Ŕ	ľ	ľ	ľ	Ŕ	Ŕ	Ŕ	ľ	Ť
PUR	grey10m	M8-A3-12K3N-10.0PUR/GY		I A	300	300	360	300	300	300			3001	360	3
Towchain	grey3m	M8-A3-12K3N-3.0TL/GY		3	3(0)	30,00		3000	3000	30,01					3(0,0)1
Towchain	grey5m	M8-A3-12K3N-5.0TL/GY		1	2	3	4	5	6	7	8	9	10	11	
Towchain	grey10m	M8-A3-12K3N-10.0TL/GY		1	2	5	4	5	0	'	0	9	10		12



ISO 9001 (2015) quality management system



Product drawing	Product size	Pins Assignment
of of other other		5 single channe 3 No component
		Circuit
PVC grey3m	M8-A3-12K3-3.0PVC/GY	
PVC grey5m	M8-A3-12K3-5.0PVC/GY	
PVC grey10m	M8-A3-12K3-10.0PVC/GY + -	
PUR grey3m	M8-A3-12K3-3.0PUR/GY BN BU WH GN	YE GY PK RD BK PL GY/PK RD/BU WH/GN I
PUR grey5m	M8-A3-12K3-5.0PUR/GY	
PUR grey10m	M8-A3-12K3-10.0PUR/GY 36° 1 3	36° pr 3
Towchain grey3m	M8-A3-12K3-3.0TL/GY 1 2	3 4 5 6 7 8 9 10 11
Towchain grey5m	M8-A3-12K3-5.U1L/GY	
Towchain grey10m	M8-A3-12K3-10.0TL/GY	
Length/Material Could be customize	d according to different enviroment ,like extrame tempret	ture and acid/alkali
Rated voltage	24 V DC	
Rated current	2A	
Cable specification	12*0.25mm <sup>2</sup> +2*0.5mm <sup>2</sup>	
ProtectionClass(IEC 60529)	IP67	
Ambient temperature	-25~+85℃	
Product drawing	Product size	Pins Assignmen
		20 10 17 19 10 17 19 10 17 19 10 17 19 10 17 19 10 17 19 10 17 19 10 17 19 10 10 10 10 10 10 10 10 10 10
Form		M8-A3-12K3P-M23 Circuit
Length/Material Could be customize like extrame tempreture and acid/alk	d according to different enviroment , cali	6 19 - + 7 5 8 4 9 3 10 2 11 1 17 BU BN WH GN VF GV PV BD BK PI GV/PK RD/BU WH-GN
Rated voltage	24 V AC/DC	
Rated current	2A	
ProtectionClass(IEC 60529)	IP67	
Ambient temperature	-25~+85°C	
Matching cable of junction b		
PVC grey3m	M23-F19T14-3.0PVC/GY	M23-F19S14-3.0PVC/GY
PVC grey5m	M23-F19T14-5.0PVC/GY	M23-F19S14-5.0PVC/GY
PVC grey10m	M23-F19T14-10.0PVC/GY	M23-F19S14-10.0PVC/GY
PUR grey3m	M23-F19T14-3.0PUR/GY	M23-F19S14-3.0PUR/GY
DUD 5	M23-F19T14-5.0PUR/GY	M23-F19S14-5.0PUR/GY
PUR grey5m		M22 F10C14 10 ODUD (CV
PUR grey10m	M23-F19T14-10.0PUR/GY	M23-F19S14-10.0PUR/GY
3 7	M23-F19T14-10.0PUR/GY M23-F19T14-3.0TL/GY	M23-F19514-10.0P04/G1 M23-F19514-3.0TL/GY
PUR grey10m		











Product drawing	Product	size	Pins Assignment
		1	5
or of other			$11_{4} \underbrace{3}_{6} \underbrace{2}_{7} \underbrace{10}_{1}_{12} \underbrace{4}_{6} \underbrace{11}_{6} \underbrace{4}_{6} \underbrace{11}_{7} \underbrace{4}_{6} \underbrace{3}_{7} \underbrace{2}_{10}_{1}_{1}_{1}_{1}_{1} \underbrace{4}_{6} \underbrace{4}_{7} \underbrace{11}_{8} \underbrace{4}_{12} $
Form	M	I8-A3-8K3P-M12 Circuit	M8-A3-8K3N-M12 Circuit
Length/Material Could be customiz	ed according to different enviroment	10 9 11	10 11 9
	V AC/DC	- + 1 2 3 4 5 6 7 8 BUBN WH GN YE GY PK RD BK PL	+ - 1 2 3 4 5 6 7 8 BN BU WH GN YE GY PK RD BK PL
Rated current 2A		िस्त्रं सं सं सं सं सं	
ProtectionClass(IEC 60529) IP6	57		
Ambient temperature -2	5~+85℃		
Matching cable of junction	box		
PVC black3m	M12-F12T10-3.0PVC/BK	M12-F12S10-3.	0PVC/BK
PVC black5m	M12-F12T10-5.0PVC/BK	M12-F12S10-5.	0PVC/BK
PVC black10m	M12-F12T10-10.0PVC/BK	M12-F12S10-1	).0PVC/BK
PUR black3m	M12-F12T10-3.0PUR/BK	M12-F12S10-3.	OPUR/BK
PUR black5m	M12-F12T10-5.0PUR/BK	M12-F12S10-5.	OPUR/BK
PUR black10m	M12-F12T10-10.0PUR/BK	M12-F12S10-1	).0PUR/BK
Towchain black3m	M12-F12T10-3.0TL/BK	M12-F12S10-3.	OTL/BK
Towchain black5m	M12-F12T10-5.0TL/BK	M12-F12S10-5.	OTL/BK
Towchain black10m	M12-F12T10-10.0TL/BK	M12-F12S10-1	).0TL/BK
Product drawing	Product	t size	Pins Assignment
		53.50 e629	$11_4 \xrightarrow{3}_{4} \xrightarrow{2}_{6} \xrightarrow{10}_{1} \xrightarrow{4}_{6}$ single channel
CTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT			$5 \underbrace{0}_{6} \underbrace{0}_{7} \underbrace{0}_{8} \underbrace{0}_{12} \underbrace{0}_{12} \underbrace{0}_{11}$ No components
Form			M8-A3-8K3-M12 Circuit
Length/Material Could be customiz	ed according to different enviroment ,		
Length/Material Could be customiz like extrame tempreture and acid/a	ed according to different enviroment , Ikali		M8-A3-8K3-M12 Circuit
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage	ed according to different enviroment , Ikali 24 V AC/DC	+	M8-A3-8K3-M12 Circuit
Length/Material Could be customiz like extrame tempreture and acid/a	ed according to different enviroment , Ikali 24 V AC/DC 2A	+	M8-A3-8K3-M12 Circuit
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current	ed according to different enviroment , Ikali 24 V AC/DC 2A IP67	+	M8-A3-8K3-M12 Circuit
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current ProtectionClass(IEC 60529)	ed according to different enviroment , Ikali 24 V AC/DC 2A IP67 -25~+85°C	+	M8-A3-8K3-M12 Circuit
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current ProtectionClass(IEC 60529) Ambient temperature	ed according to different enviroment , Ikali 24 V AC/DC 2A IP67 -25~+85°C	+	M8-A3-8K3-M12 Circuit
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current ProtectionClass(IEC 60529) Ambient temperature Matching cable of junction b	ed according to different enviroment , Ikali 24 V AC/DC 2A IP67 -25~+85°C POX	BN F	M8-A3-8K3-M12 Circuit
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current ProtectionClass(IEC 60529) Ambient temperature Matching cable of junction b PVC black3m	ed according to different enviroment , Ikali 24 V AC/DC 2A IP67 -25~+85°C POX M12-F12T10-3.0PVC/BK	M12-F12S10-3	M8-A3-8K3-M12 Circuit
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current ProtectionClass(IEC 60529) Ambient temperature Matching cable of junction b PVC black3m PVC black5m	ed according to different enviroment , Ikali 24 V AC/DC 2A IP67 -25~+85°C DOX M12-F12T10-3.0PVC/BK M12-F12T10-5.0PVC/BK	M12-F12S10-3 M12-F12S10-5	M8-A3-8K3-M12 Circuit WH 5 N 7 14 PK 13 11 18 VH 5 N 7 5 14 PK 13 11 18 0 VH 5 N 7 5 14 14 18 0 VH 5 N 7 14 14 14 14 14 14 14 14 14 14 14 14 14
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current ProtectionClass(IEC 60529) Ambient temperature Matching cable of junction b PVC black3m PVC black5m PVC black10m	ed according to different enviroment , Ikali 24 V AC/DC 2A IP67 -25~+85°C DOX M12-F12T10-3.0PVC/BK M12-F12T10-5.0PVC/BK M12-F12T10-10.0PVC/BK	M12-F12S10-3 M12-F12S10-5 M12-F12S10-1	M8-A3-8K3-M12 Circuit WH 67 8 8 14 9 13 11 18 WH 67 9 14 9 13 13 11 18 WH 67 9 14 9 13 13 11 18 00 12 13 14 14 18 1 2 3 4 5 6 7 8 00 PVC/BK 00 PVC/BK 00 PVC/BK 00 PVC/BK
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current ProtectionClass(IEC 60529) Ambient temperature Matching cable of junction b PVC black3m PVC black5m PVC black10m PUR black5m PUR black10m	ed according to different enviroment , kali 24 V AC/DC 2A IP67 -25~+85°C DOX M12-F12T10-3.0PVC/BK M12-F12T10-5.0PVC/BK M12-F12T10-10.0PVC/BK M12-F12T10-3.0PUR/BK	M12-F12S10-3 M12-F12S10-3 M12-F12S10-1 M12-F12S10-3	M8-A3-8K3-M12 Circuit W8-A3-8K3-M12 Circuit W7H ON YE OF PK 130 BK 19 00 VC/BK 00 VC/BK 00 VC/BK 00 VC/BK 00 VC/BK 00 VC/BK 00 VC/BK
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current ProtectionClass(IEC 60529) Ambient temperature Matching cable of junction b PVC black3m PVC black5m PVC black10m PUR black5m PUR black10m Towchain black3m	ed according to different enviroment , Ikali 24 V AC/DC 2A IP67 -25~+85°C DOX M12-F12T10-3.0PVC/BK M12-F12T10-5.0PVC/BK M12-F12T10-3.0PUR/BK M12-F12T10-3.0PUR/BK M12-F12T10-10.0PUR/BK M12-F12T10-3.0PUR/BK M12-F12T10-3.0TL/BK	M12-F12S10-3 M12-F12S10-3 M12-F12S10-5 M12-F12S10-5 M12-F12S10-5 M12-F12S10-1 M12-F12S10-3	M8-A3-8K3-M12         Circuit           0         7         5         8         14         9         13         11         18           0         7         5         8         14         9         13         11         18           0         7         5         8         14         9         13         11         18           1         2         3         4         5         6         7         8           0         9         1         2         3         4         5         6         7         8           0         <
Length/Material Could be customiz like extrame tempreture and acid/a Rated voltage Rated current ProtectionClass(IEC 60529) Ambient temperature Matching cable of junction b PVC black3m PVC black5m PVC black10m PUR black5m PUR black10m	ed according to different enviroment , Ikali 24 V AC/DC 2A IP67 -25~+85°C POX M12-F12T10-3.0PVC/BK M12-F12T10-5.0PVC/BK M12-F12T10-3.0PUR/BK M12-F12T10-5.0PUR/BK M12-F12T10-5.0PUR/BK	M12-F12S10-3 M12-F12S10-3 M12-F12S10-5 M12-F12S10-5 M12-F12S10-5 M12-F12S10-1	M8-A3-8K3-M12       Circuit         5       7       8         1       2       3       4       5       6       7       8         0PVC/BK       0       0       0       1





Product drawing	Product size		Pins Assignment
	141.10		12 17
A TOTOLOGICAL ST	35.60	53.50	13 3 2 11
or of or other			4 $1$ $4$ single of
OLOL	I I I I I I I I I I I I I I I I I I I	in in	
			7 <sup>-8</sup> 16
Form		M8-A3	-12K3P-M12 Circuit
Length/Material Could be customize	d according to different enviroment , cali	11	
Rated voltage	24 V AC/DC	12 13 - + 16 2 15 BU BN WH GN YE	3 1 4 10 5 9 6 8 <sup>7</sup> SY PK RD BK PL GY/PK RD/BU WH/GN BN/
Rated current	2A		
ProtectionClass(IEC 60529)	IP67		
Ambient temperature	-25~+85℃		
Matching cable of junction b			
indefining cubic of junction i			
PVC grey3m	M12-F17T14-3.0PVC/GY	M12-F17S1	4-3.0PVC/GY
PVC grey5m	M12-F17T14-5.0PVC/GY	M12-F17S1	4-5.0PVC/GY
PVC grey10m	M12-F17T14-10.0PVC/GY	M12-F17S1	4-10.0PVC/GY
PUR grey3m	M12-F17T14-3.0PUR/GY	M12-F17S1	4-3.0PUR/GY
PUR grey5m	M12-F17T14-5.0PUR/GY	M12-F17S1	4-5.0PUR/GY
PUR grey10m	M12-F17T14-10.0PUR/GY	M12-F17S1	4-10.0PUR/GY
Towchain grey3m	M12-F17T14-3.0TL/GY	M12-F17S1	4-3.0TL/GY
Towchain grey5m	M12-F17T14-5.0TL/GY	M12-F17S1	4-5.0TL/GY
Towchain grey10m	M12-F17T14-10.0TL/GY	M12-F17S1	4-10.0TL/GY
Product drawing	Product size		Pins Assignment
	<u> </u>	53.50	
OF COLOR OF CALLS		4.20	13  3  2  17  11
TOTOL OLO	I I IÕTIÕTIÕTIÕTIÕ		4 single of $1$ $4$ single of $1$
ololo			
			7 8 16 15
Form		M8-A3-12K3N	I-M12 Circuit
Length/Material Could be customize like extrame tempreture and acid/all	ed according to different enviroment , kali	11 13 12 16 2 15 3	1 4 10 5 4 6 6
Rated voltage	24 V AC/DC	BN BU WH GN YE GY	1 4 10 5 9 6 8 PK RD BK PL GY/PK RD/BU WH/GN BN
Rated current	2A		
ProtectionClass(IEC 60529)	IP67		1 16 3 16 1 26 1 26 1 26 1 26 1 26 1 26
Ambient temperature	-25~+85℃		5 6 7 8 9 10 11 1
		-	
Matching cable of junction b	xoc		
PVC grey3m	M12-F17T14-3.0PVC/GY		4-3.0PVC/GY
PVC grey5m	M12-F17T14-5.0PVC/GY	M12-F17S14-5.0PVC/GY	
	M12-F17T14-10.0PVC/GY	M12-F17S14-10.0PVC/GY	
PVC grey10m	M12-F17T14-3.0PUR/GY		4-3.0PUR/GY
PUR grey3m			1-5 ODID/CV
PUR     grey3m       PUR     grey5m	M12-F17T14-5.0PUR/GY	M12-F17S1	
PUR     grey3m       PUR     grey5m       PUR     grey10m	M12-F17T14-5.0PUR/GY M12-F17T14-10.0PUR/GY	M12-F17S1	4-10.0PUR/GY
PURgrey3mPURgrey5mPURgrey10mTowchaingrey3m	M12-F17T14-5.0PUR/GY M12-F17T14-10.0PUR/GY M12-F17T14-3.0TL/GY	M12-F17S1 M12-F17S1	4-10.0PUR/GY 4-3.0TL/GY
PUR     grey3m       PUR     grey5m       PUR     grey10m	M12-F17T14-5.0PUR/GY M12-F17T14-10.0PUR/GY	M12-F17S1 M12-F17S1 M12-F17S1	4-10.0PUR/GY 4-3.0TL/GY











### Data ,CAD,3D document please refer to: WWW.VELLEDQ.COM

ISO 9001 (2015) quality management system



Circuit

PVC	grey3m	M12-A3-4K4-3.0PVC/GY						
PVC	grey5m	M12-A3-4K4-5.0PVC/GY	PE - + YE/GN BU BN	WH	GN	YE	GY	
PVC	grey10m	M12-A3-4K4-10.0PVC/GY						
PUR	grey3m	M12-A3-4K4-3.0PUR/GY						
PUR	grey5m	M12-A3-4K4-5.0PUR/GY						
PUR	grey10m	M12-A3-4K4-10.0PUR/GY		3		3	3	
Towchain	grey3m	M12-A3-4K4-3.0TL/GY		2000)4 1	(20 0 0 4		(2000)4 1 1 1 5	
Towchain	grey5m	M12-A3-4K4-5.0TL/GY						
Towchain	grey10m	M12-A3-4K4-10.0TL/GY		1	2	3	4	
PUR Towchain Towchain	grey5m grey10m grey3m grey5m	M12-A3-4K4-10.0PUR/GY M12-A3-4K4-3.0TL/GY M12-A3-4K4-5.0TL/GY		1 2000 1 1	2000 1 2 2 2	3	3 2000 1 5 4	

	Product drawing	g	Pro	duct size		Pins Assignment
			55 55 55 55 55 55 55 55 55 55 55 55 55			$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array} \\ 2 \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\$
				M12-A3-4K5P-3.0PVC/GY	Circuit	M12-A3-4K5N-3.0PVC/GY Circuit
PVC	grey3m M12-A3-4K5F	P-3.0PVC/GY	M12-A3-4K5N-3.0PVC/GY			
PVC	grey5m M12-A3-4K5F	P-5.0PVC/GY	M12-A3-4K5N-5.0PVC/GY			
PVC	grey10m M12-A3-4K5F	P-10.0PVC/GY	M12-A3-4K5N-10.0PVC/GY	PK RD PE - +	BK PL	PK RD BK PL PE - +
PUR	grey3m M12-A3-4K5F	P-3.0PUR/GY	M12-A3-4K5N-3.0PUR/GY	YE/GN BU BN WH GN	YE GY Q Q Q Q	YE/GN BU BN WH GN YE GY
PUR	grey5m M12-A3-4K5F	P-5.0PUR/GY	M12-A3-4K5N-5.0PUR/GY	:     ਸੁਰੀਸ਼ਰੀ		
PUR	grey10m M12-A3-4K5F	P-10.0PUR/GY	M12-A3-4K5N-10.0PUR/GY			
Towchain	grey3m M12-A3-4K5F	P-3.0TL/GY	M12-A3-4K5N-3.0TL/GY			
Towchain	grey5m M12-A3-4K5F	P-5.0TL/GY	M12-A3-4K5N-5.0TL/GY			
Towchain	grey10m M12-A3- 4K5	P-10.0TL/GY	M12-A3-4K5N-10.0TL/GY	1 2	3 4	1 2 3 4

Length/Material Could be customized accor	ding to different enviroment ,like extrame tempreture and acid/alkali
Rated voltage	24 V DC
Rated current	4A
Cable specification	8*0.34mm <sup>2</sup> +3*0.75mm <sup>2</sup>
ProtectionClass(IEC 60529)	IP65-IP67
Ambient temperature	-25~+65°C



PVC	grey3m	M12-A3-4K5-3.0PVC/GY	
PVC	grey5m	M12-A3-4K5-5.0PVC/GY	PE - + O O O
PVC	grey10m	M12-A3-4K5-10.0PVC/GY	YE/GNBU BN WH GN YE GY
PUR	grey3m	M12-A3-4K5-3.0PUR/GY	
PUR	grey5m	M12-A3-4K5-5.0PUR/GY	
PUR	grey10m	M12-A3-4K5-10.0PUR/GY	
Towchain	grey3m	M12-A3-4K5-3.0TL/GY	$\left[\begin{array}{c} \left(\begin{array}{c} \left(\right)\right)} \left(\left(\begin{array}{c} \left(\begin{array}{c} \left(\right)\right)} \left(\left(\begin{array}{c} \left(\left(\begin{array}{c} \left(\begin{array}{c} \left(\right)\right)} \left(\left(\left(\begin{array}{c} \left(\right)\right)} \left(\left(\left(\left(\begin{array}{c} \left(\left(\left(\begin{array}{c} \left(\right)\right)} \left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left($
Towchain	grey5m	M12-A3-4K5-5.0TL/GY	
Towchain	grey10m	M12-A3-4K5-10.0TL/GY	1 2 3 4





Product drawing	Product size	Pins Assignment	
		$\frac{10}{2} \underbrace{40}_{11}^{12} \underbrace{12}_{12}^{12} \underbrace{12}_{11}^{12} 1$	
Form	M12-A3-4K4P-M1	2 Circuit M12-A3-4K4N-M12 Circu	
Length/Material Could be customized	according to different	PE - + 3 5 7 11 10 9 1 3 5 7	
enviroment ,like extrame tempreture Rated voltage	24V DC		
Rated current	4A 4		
ProtectionClass(IEC 60529)	IP65-IP67	- \$\$. \$\$.   \$\$. \$\$. \$\$. \$\$	
Ambient temperature	-25~+65℃		
Matching cable of junction b	ox		
PVC black3m	M12-F12T07-3.0PVC/BK	M12-F12S07-3.0PVC/BK	
PVC black5m	M12-F12T07-5.0PVC/BK	M12-F12S07-5.0PVC/BK	
PVC black10m	M12-F12T07-10.0PVC/BK	M12-F12S07-10.0PVC/BK	
PUR black3m	M12-F12T07-3.0PUR/BK	M12-F12S07-3.0PUR/BK	
PUR black5m	M12-F12T07-5.0PUR/BK	M12-F12S07-5.0PUR/BK	
PUR black10m	M12-F12T07-10.0PUR/BK	M12-F12S07-10.0PUR/BK	
Towchain black3m	M12-F12T07-3.0TL/BK M12-F12S07-3.0TL/BK		
Towchain black5m	M12-F12T07-5.0TL/BK		
Towchain black10m	M12-F12T07-10.0TL/BK	M12-F12S07-10.0TL/BK	
Product drawing	Product size	Pins Assignment	
C. C		$ \begin{array}{c} 10 \\ 2 \\ 3 \\ 11 \\ 11 \\ 11 \\ 11 \\ 11 \\ 11 \\ 11 $	
Form		M12-A3-4K4-M12 Circuit	
Length/Material Could be customized like extrame tempreture and acid/alka	according to different enviroment ,	PE - + 11 10 9 1 3 5 7	
Rated voltage	24V DC		
Rated current	4A		
ProtectionClass(IEC 60529)	IP65-IP67		
Ambient temperature	-25~+65℃		
Matching cable of junction bo	x		
PVC black3m	M12-F12T07-3.0PVC/BK	M12-F12S07-3.0PVC/BK	
PVC black5m	M12-F12T07-5.0PVC/BK	M12-F12S07-5.0PVC/BK	
PVC black10m	M12-F12T07-10.0PVC/BK	M12-F12S07-10.0PVC/BK	
PUR black3m	M12-F12T07-3.0PUR/BK	M12-F12S07-3.0PUR/BK	
PUR black5m	M12-F12T07-5.0PUR/BK	M12-F12S07-5.0PUR/BK	
PUR black10m	M12-F12T07-10.0PUR/BK	M12-F12S07-10.0PUR/BK	
Towchain black3m	M12-F12T07-3.0TL/BK	M12-F12S07-3.0TL/BK	
Towchain black5m	M12-F12T07-5.0TL/BK	M12-F12S07-5.0TL/BK M12-F12S07-10.0TL/BK	
Towchain black10m	M12-F12T07-10.0TL/BK		





Product drawing	Product size	Pins Assignment	
		$10^{-1} \stackrel{10}{\longrightarrow} 12^{-1} \stackrel{10}{\longrightarrow} 12^{-1} \stackrel{10}{\longrightarrow} 12^{-1} \stackrel{10}{\longrightarrow} 12^{-1} \stackrel{10}{\longrightarrow} 12^{-1} \stackrel{10}{\longrightarrow} 12^{-1} \stackrel{10}{\longrightarrow} 11^{-1} \stackrel{10}{\longrightarrow} 11^{$	
Form	M12-A3-4K5P-M1	2 Circuit M12-A3-4K5N-M12 Circuit	
Length/Material Could be customized accor like extrame tempreture and acid/alkali	ding to different enviroment ,	5 7 1 3 5 7 PE - + 2 4 6 8	
Rated voltage	24V DC		
Rated current	4A		
ProtectionClass(IEC 60529)	IP65-IP67		
Ambient temperature	-25~+65°C		
Matching cable of junction box			
PVC black3m	M12-F12T11-3.0PVC/BK	M12-F12S11-3.0PVC/BK	
PVC black5m	M12-F12T115.0PVC/BK	M12-F12S11-5.0PVC/BK	
PVC black10m	M12-F12T1110.0PVC/BK	M12-F12S11-10.0PVC/BK	
PUR black3m	M12-F12T113.0PUR/BK	M12-F12S11-3.0PUR/BK	
PUR black5m	M12-F12T115.0PUR/BK	M12-F12S11-5.0PUR/BK	
PUR black10m	M12-F12T1110.0PUR/BK	M12-F12S11-10.0PUR/BK	
Towchain black3m	M12-F12T113.0TL/BK	M12-F12S11-3.0TL/BK	
Towchain black5m	M12-F12T115.0TL/BK	M12-F12S11-5.0TL/BK	
Towchain black10m	M12-F12T1110.0TL/BK	M12-F12S11-10.0TL/BK	
Product drawing	Product size	Pins Assignment	
		$\frac{10}{3} \underbrace{\underbrace{\begin{array}{c}10\\3\\4\\11\end{array}}^{10}}_{11} \underbrace{\underbrace{\begin{array}{c}10\\3\\5\\6\end{array}}^{12}}_{7} \underbrace{\underbrace{\begin{array}{c}3\\3\\2\\2\end{array}}_{11}}^{3} \underbrace{\underbrace{\begin{array}{c}10\\5\\5\\1\end{array}}^{4}}_{11} \underbrace{\begin{array}{c}10\\5\\5\\1\end{array}}_{11} \underbrace{\begin{array}{c}10\\5\\5\\5\\1\end{array}}_{11} \underbrace{\begin{array}{c}10\\5\\5\\5\\1\end{array}}_{11} \underbrace{\begin{array}{c}10\\5\\5\\5\\1\end{array}}_{11} \underbrace{\begin{array}{c}10\\5\\5\\5\\5\\1\end{array}}_{11} \underbrace{\begin{array}{c}10\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5\\5$	
Form		M12-A3-4K5-M12 Circuit	
Length/Material Could be customized acco like extrame tempreture and acid/alkali	rding to different enviroment ,	1 3 5 7 PE - + O O O 11 10 9 2 4 6 8	
Rated voltage	24V DC		
Rated current	4A		
ProtectionClass(IEC 60529)	IP65-IP67		
Ambient temperature	-25~+65℃		
Matching cable of junction box			
PVC black3m	M12-F12T11-3.0PVC/BK	M12-F12S11-3.0PVC/BK	
PVC black5m	M12-F12T115.0PVC/BK	M12-F12S11-5.0PVC/BK	
PVC black10m	M12-F12T1110.0PVC/BK	M12-F12S11-10.0PVC/BK	
PUR black3m	M12-F12T113.0PUR/BK	M12-F12S11-3.0PUR/BK	
PUR black5m	M12-F12T115.0PUR/BK	M12-F12S11-5.0PUR/BK	
PUR black10m	M12-F12T1110.0PUR/BK	M12-F12S11-10.0PUR/BK	
Towchain black3m	M12-F12T113.0TL/BK	M12-F12T113.0TL/BK M12-F12S11-3.0TL/BK	
Towchain black5m	M12-F12T115.0TL/BK	M12-F12S11-5.0TL/BK	





Pr	oduct drawing	Produc	t size	Pins Assignment			
é			B Terminal PIN bitmap	(3 • • • • single channel 20 • • • • • • • • • • • • • • • • • • •			
Form			M12-A3-4K4P-DZP Ci	rcuit M12-A3-4K4N-DZP Circuit			
Length/M	laterial Could be customiz me tempreture and acid/a	ed according to different enviroment ,	PE (-) (+) #1-4 #2-4 #3-4 yellow blue Brown white green yellow	#4-4 PE (-) (+) #1-4 #2-4 #3-4 #4-4 grey yellow blue Brown white green yellow grey			
Rated vol		24V DC					
Rated cur	rent	4A					
Protection	nClass(IEC 60529)	IP65-IP67		* * * * *			
Ambient	temperature	-25~+65℃					
PVC PVC PUR PUR PUR	grey5m grey10m grey3m grey5m grey10m	DZP-F09S07-5.0F DZP-F09S07-10.0 DZP-F09S07-3.0F DZP-F09S07-5.0F DZP-F09S07-10.0	PVC/GY UR/GY PUR/GY PUR/GY				
Towchain	grey3m		DZP-F09S07-3.0TL/GY				
Towchain	grey5m		DZP-F09S07-5.0TL/GY DZP-F09S07-10.0TL/GY				
Towchain	grey10m	DZP-F09S07-10.0	IIL/GY				
F	Product drawing	Product s	ze	Pins Assignment			
				$3 \oplus 5 \oplus 4$ $20 \oplus 1$ single channel No components			
Form	1		M12-	A3-4K4-DZP Circuit			
Lengt	h/Material Could be custo Atrame tempreture and ac	mized according to different enviroment ,	PE (-) yellow green blue E O O	(+) #1-4 #2-4 #3-4 #4-4 arown white green yellow grey O O O			
	voltage	24V DC					
	current	4A					
Prote	ctionClass(IEC 60529)	IP65-IP67					
Ambie	ent temperature	-25~+65℃					

