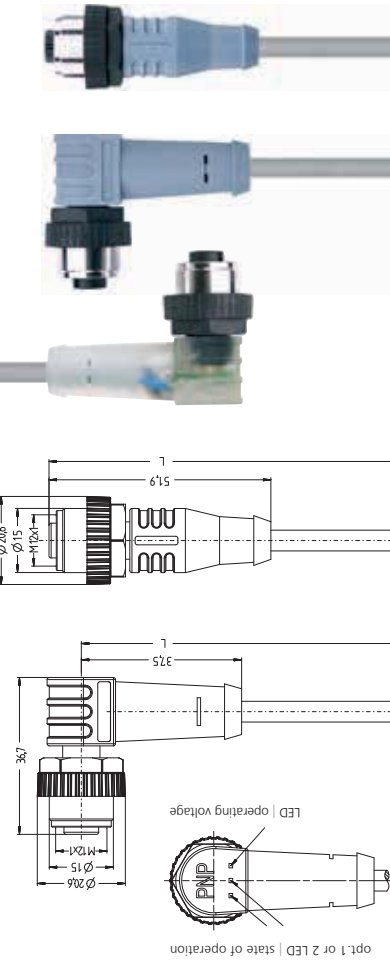


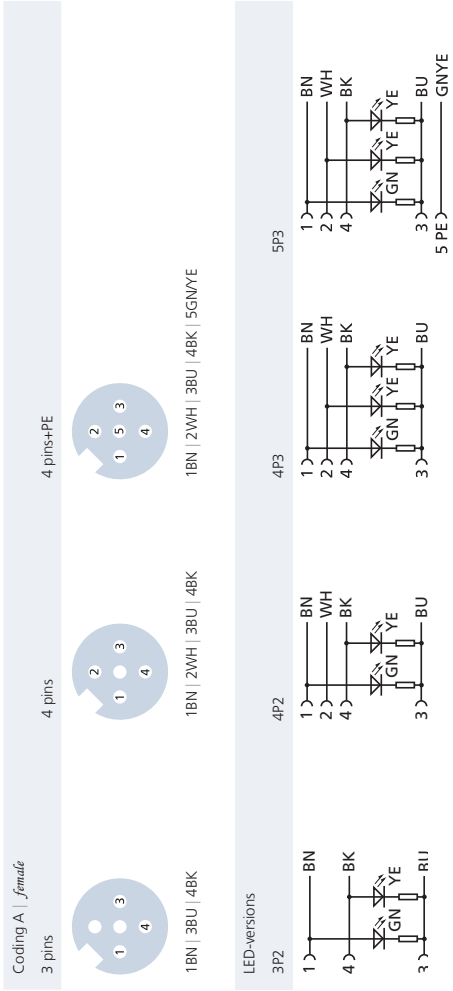
Product line	Version	Cable quality	Type-designation	Pins	Cable length L		
					5m	10m	10m
NM-M12x1	f   1	PUR   S370	NM-WAK3-L / S370	3	8052350	8052351	8052353
	4	4+PE	NM-WAK4-L / S370	4	8052356	8052357	8045007
			NM-WAK5-L / S370	4+PE	8052358	8052359	8052360
	f   1	PVC   P00	NM-WAK3-L / P00	3	8052411	8052412	8052413
NM-WAK4-L / P00			4	8052414	8052415	8052416	
NM-WAK5-L / P00			4+PE	8052417	8052418	8052419	
NM-WWAK3-L / S370			3	8052361	8052362	8052363	
f   1	PUR   S370	NM-WWAK4-L / S370	4	8052367	8052368	8052369	
		NM-WWAK5-L / S370	4+PE	8052380	8052381	8052382	
		NM-WWAK3-L / P00	3	8052420	8052421	8052422	
		NM-WWAK4-L / P00	4	8052426	8052427	8052428	
f   1	PUR   S370	NM-WWAK5-L / P00	4+PE	8052438	8052439	8052440	
		NM-WWAK3P2-L / S370	3	8052364	8052365	8052366	
		NM-WWAK4P2-L / S370	4	8052370	8052371	8052373	
		NM-WWAK4P3-L / S370	4	8052374	8052375	8052376	
f   1	PVC   P00	NM-WWAK4P3-1-L / S370	4	8052377	8052378	8052379	
		NM-WWAK5P2-L / S370	4+PE	8052383	8052384	8052385	
		NM-WWAK5P3-L / S370	4+PE	8052386	8052387	8052388	
		NM-WWAK5P3-1-L / S370	4+PE	8052389	8052390	8052391	
f   1	PVC   P00	NM-WWAK3P2-L / P00	3	8052423	8052424	8052425	
		NM-WWAK4P2-L / P00	4	8052429	8052430	8052431	
		NM-WWAK4P3-L / P00	4	8052432	8052433	8052434	
		NM-WWAK4P3-1-L / P00	4	8052435	8052436	8052437	
LED3	4+PE	NM-WWAK5P2-L / P00	4+PE	8052441	8052442	8052443	
		NM-WWAK5P3-L / P00	4+PE	8052444	8052447	8052446	
		NM-WWAK5P3-1-L / P00	4+PE	8052448	8052449	8052450	

Other versions and cable-lengths are available upon request.

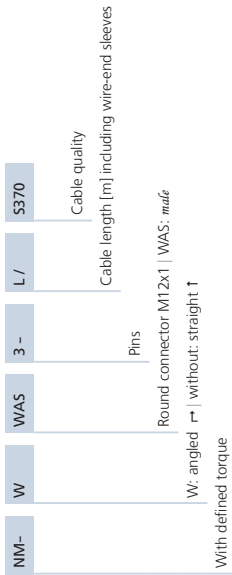


### M12x1 with defined torque *female* + *female* LED

Technical data	Pin	Value
Rated voltage [U <sub>max</sub> ]	3, 4	250V
Current load [I <sub>max</sub> ]	4+PE	60V
	LED-version	24V <sub>acc</sub>
Insulation resistance	3, 4, 4+PE	4A
Standards		according to IEC 61076-2-101
Materials	Grip	TPU, BU   LED-version: TPU, transparent
	Contact carrier	TPU, BK
	Sealing	FPM/FKM
	Contacts	CuZn, gold-plated
	Locking mechanism	POM
Ambient temperature		-30°C...+90°C
Degree of pollution	3	
Protection class (installed)		IP67
Mechanical life cycle		> 100 mating cycles

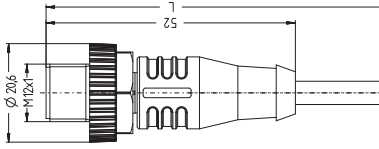
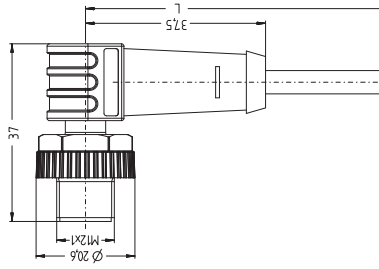


3: 1 = GN/RD/YE



Product line	Version	Cable quality	Type-designation	Pins	Cable length L		
					5m	2m	10m
NM_M12x1	m   $\uparrow$	PUR   S370 $\text{\textcircled{S}}$	NM-WAS3-L/S370	3	8052392	8052393	8052394
			NM-WAS4-L/S370	4	8052395	8052397	8052396
			NM-WAS5-L/S370	4+PE	8052398	8052399	8052400
			PVC   P00	3	8052452	8052451	8052453
	m   $\nabla$	PUR   S370 $\text{\textcircled{S}}$	NM-WAS4-L/P00	4	8052454	8052455	8052456
			NM-WAS5-L/P00	4+PE	8052457	8052458	8052459
			NM-WWAS3-L/S370	3	8052401	8052402	8052403
			NM-WWAS4-L/S370	4	8052404	8052405	8052406
	m   $\nabla$	PVC   P00	NM-WWAS5-L/S370	4+PE	8052407	8052408	8052409
			NM-WWAS3-L/P00	3	8052460	8052461	8052462
			NM-WWAS4-L/P00	4	8052463	8052464	8052465
			NM-WWAS5-L/P00	4+PE	8052466	8052467	8052468

Other versions and cable-lengths are available upon request.



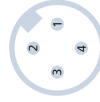
M12x1 with defined torque *male*

Technical data	Pins	Value
Rated voltage [U <sub>max</sub> ]	3, 4	250V
	4+PE	60V
Current load [I <sub>max</sub> ]	3, 4, 4+PE	4 A
Insulation resistance		$\geq 10^8 \Omega$
Standards		according to IEC61076-2-101
Materials	Grip	TPU, BU
	Contact carrier	TPU, BK
	Contacts	Cu/Zn, gold-plated
	Locking mechanism	POM
Ambient temperature		-30°C...+90°C
Degree of pollution		3
Protection class (installed)		IP67
Mechanical life cycle		>100 mating cycles

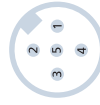
Coding A   <i>male</i>	Pins	Value
3 pins		4 pins
4 pins+PE		4 pins+PE



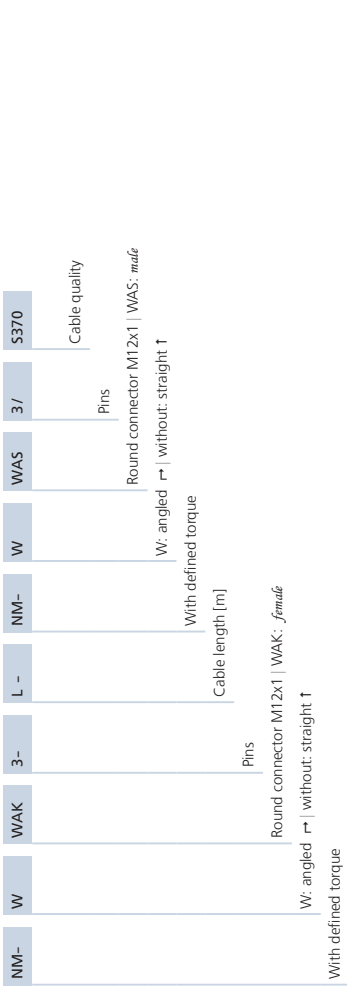
1BN | 3BU | 4BK



1BN | 2WH | 3BU | 4BK

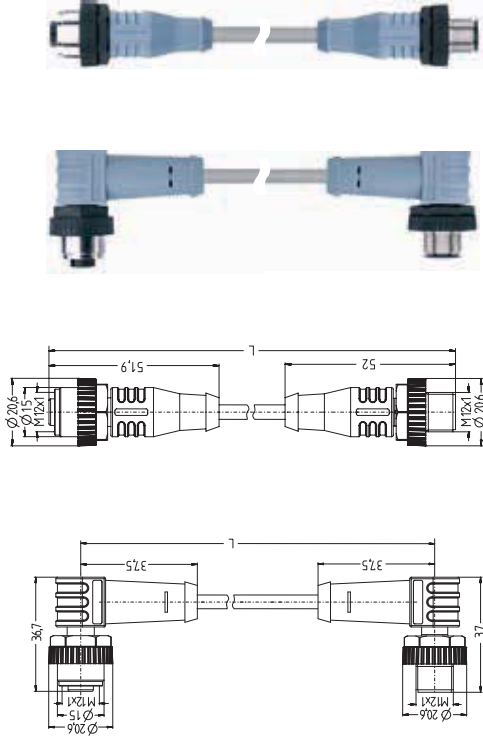


1BN | 2WH | 3BU | 4BK | 5GN/VE



Product line	Version	Cable quality	Pins	Type designation	1m	2m	Cable length L
NM_M12x1	<i>f</i>   <i>—</i>   <i>m</i>   <i>†</i>	PUR   S370	3	NM-WAK3-L-NM-WAS3/S370	8052560	8052561	8052562
			4	NM-WAK4-L-NM-WAS4/S370	8045377	8045009	8045010
			4+PE	NM-WAK5-L-NM-WAS5/S370	8052593	8052594	8052595
			3	NM-WAK3-L-NM-WA-S3/P00	8052572	8052573	8052574
			4	NM-WAK4-L-NM-WAS4/P00	8052575	8052576	8052577
			4+PE	NM-WAK5-L-NM-WAS5/P00	8052589	8052590	8052591
	<i>f</i>   <i>†</i>   <i>—</i>   <i>m</i>   <i>†</i>	PUR   S370	3	NM-WWAK3-L-NM-WWAS3/S370	8052563	8052564	8052565
			4	NM-WWAK4-L-NM-WWAS4/S370	8052566	8052567	8052568
			4+PE	NM-WWAK5-L-NM-WWAS5/S370	8052569	8052570	8052571
			3	NM-WWAK3-L-NM-WWA-S3/P00	8052578	8052579	8052587
			4	NM-WWAK4-L-NM-WWAS4/P00	8052581	8052582	8052588
			4+PE	NM-WWAK5-L-NM-WWAS5/P00	8052584	8052585	8052586

Other versions and cable-lengths are available upon request.



### M12x1 with defined torque | cord sets double ended

Technical data	Pins	Value
Rated voltage [U <sub>max</sub> ]	3, 4 4+PE	250V 60V
Current load [I <sub>max</sub> ]	3, 4, 4+PE	4A
Insulation resistance		≥ 10 <sup>8</sup> Ω
Standards		according to IEC 61076-2-101
Materials	Grip	TPU, BU
	Contact carrier	TPU, BK
	Sealing ( <i>f</i> female)	PPM/PKM
	Contacts	CuZn, gold-plated
	Locking mechanism	POM
Ambient temperature		-30 °C... +90 °C
Degree of pollution		3
Protection class (installed)		IP67
Mechanical life cycle		> 100 mating cycles

