

Pin-Out Table

| Termination Board field side | | Modules | | | Termination Board control side | HIMA signal name |
|------------------------------|---------|-------------------------|-----------------------------|-----------------------------------|--------------------------------|------------------|
| Module | Channel | IS terminals M1 ... M16 | IS terminals SL2 field side | Non-IS terminals SL1 control side | System connector XG1 | X-DO 32 01 |
| 1 | 1 | 1 | 5a | 8a | c1 | DO1+ |
| | | 4 | 5b | 7a | b1 | DO1- |
| | 2 | 2 | 1a | 10a | c2 | DO2+ |
| 5 | | 1b | 9a | b2 | DO2- | |
| 2 | 3 | 1 | 5a | 8a | c3 | DO3+ |
| | | 4 | 5b | 7a | b3 | DO3- |
| | 4 | 2 | 1a | 10a | c4 | DO4+ |
| 5 | | 1b | 9a | b4 | DO4- | |
| 3 | 5 | 1 | 5a | 8a | c5 | DO5+ |
| | | 4 | 5b | 7a | b5 | DO5- |
| | 6 | 2 | 1a | 10a | c6 | DO6+ |
| 5 | | 1b | 9a | b6 | DO6- | |
| 4 | 7 | 1 | 5a | 8a | c7 | DO7+ |
| | | 4 | 5b | 7a | b7 | DO7- |
| | 8 | 2 | 1a | 10a | c8 | DO8+ |
| 5 | | 1b | 9a | b8 | DO8- | |
| 5 | 9 | 1 | 5a | 8a | c9 | DO9+ |
| | | 4 | 5b | 7a | b9 | DO9- |
| | 10 | 2 | 1a | 10a | c10 | DO10+ |
| 5 | | 1b | 9a | b10 | DO10- | |
| 6 | 11 | 1 | 5a | 8a | c11 | DO11+ |
| | | 4 | 5b | 7a | b11 | DO11- |
| | 12 | 2 | 1a | 10a | c12 | DO12+ |
| 5 | | 1b | 9a | b12 | DO12- | |
| 7 | 13 | 1 | 5a | 8a | c13 | DO13+ |
| | | 4 | 5b | 7a | b13 | DO13- |
| | 14 | 2 | 1a | 10a | c14 | DO14+ |
| 5 | | 1b | 9a | b14 | DO14- | |
| 8 | 15 | 1 | 5a | 8a | c15 | DO15+ |
| | | 4 | 5b | 7a | b15 | DO15- |
| | 16 | 2 | 1a | 10a | c16 | DO16+ |
| 5 | | 1b | 9a | b16 | DO16- | |
| 9 | 17 | 1 | 5a | 8a | c17 | DO17+ |
| | | 4 | 5b | 7a | b17 | DO17- |
| | 18 | 2 | 1a | 10a | c18 | DO18+ |
| 5 | | 1b | 9a | b18 | DO18- | |
| 10 | 19 | 1 | 5a | 8a | c19 | DO19+ |
| | | 4 | 5b | 7a | b19 | DO19- |
| | 20 | 2 | 1a | 10a | c20 | DO20+ |
| 5 | | 1b | 9a | b20 | DO20- | |
| 11 | 21 | 1 | 5a | 8a | c21 | DO21+ |
| | | 4 | 5b | 7a | b21 | DO21- |
| | 22 | 2 | 1a | 10a | c22 | DO22+ |
| 5 | | 1b | 9a | b22 | DO22- | |
| 12 | 23 | 1 | 5a | 8a | c23 | DO23+ |
| | | 4 | 5b | 7a | b23 | DO23- |
| | 24 | 2 | 1a | 10a | c24 | DO24+ |
| 5 | | 1b | 9a | b24 | DO24- | |
| 13 | 25 | 1 | 5a | 8a | c25 | DO25+ |
| | | 4 | 5b | 7a | b25 | DO25- |
| | 26 | 2 | 1a | 10a | c26 | DO26+ |
| 5 | | 1b | 9a | b26 | DO26- | |
| 14 | 27 | 1 | 5a | 8a | c27 | DO27+ |
| | | 4 | 5b | 7a | b27 | DO27- |
| | 28 | 2 | 1a | 10a | c28 | DO28+ |
| 5 | | 1b | 9a | b28 | DO28- | |

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.comUSA: +1 330 486 0002
pa-info@us.pepperl-fuchs.comGermany: +49 621 776 2222
pa-info@de.pepperl-fuchs.comSingapore: +65 6779 9091
pa-info@sg.pepperl-fuchs.com

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 PROTECTING YOUR PROCESS

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| Termination Board field side | | Modules | | | Termination Board control side | HIMA signal name |
|------------------------------|---------|-------------------------|-----------------------------|-----------------------------------|--------------------------------|------------------|
| Module | Channel | IS terminals M1 ... M16 | IS terminals SL2 field side | Non-IS terminals SL1 control side | System connector XG1 | X-DO 32 01 |
| 15 | 29 | 1 | 5a | 8a | c29 | DO29+ |
| | | 4 | 5b | 7a | b29 | DO29- |
| | 30 | 2 | 1a | 10a | c30 | DO30+ |
| | | 5 | 1b | 9a | b30 | DO30- |
| 16 | 31 | 1 | 5a | 8a | c31 | DO31+ |
| | | 4 | 5b | 7a | b31 | DO31- |
| | 32 | 2 | 1a | 10a | c32 | DO32+ |
| | | 5 | 1b | 9a | b32 | DO32- |
| | | | | a32 | reserved | |
| | | | | a31 | reserved | |
| | | | | a30 | reserved | |
| | | | | a29 | reserved | |

| Terminal pin-out | Connector | Pin | Signal name |
|-----------------------------|-----------|------|-------------|
| Power supply | XG2 | 1 | Supply I + |
| | | 2 | Supply I - |
| | XG2 | 3 | Supply II + |
| | | 4 | Supply II - |
| Volt-free indication output | XG2 | 5, 6 | Fault |

| Module pin-out (SL1): module 1 ... 16 | |
|---------------------------------------|--------|
| V _{cc} | 2a (+) |
| | 2b (+) |
| GND | 1a (-) |
| | 1b (-) |
| Fault | 6b |



The loop drawing has to be observed. For information see corresponding data sheet on www.pepperl-fuchs.com.